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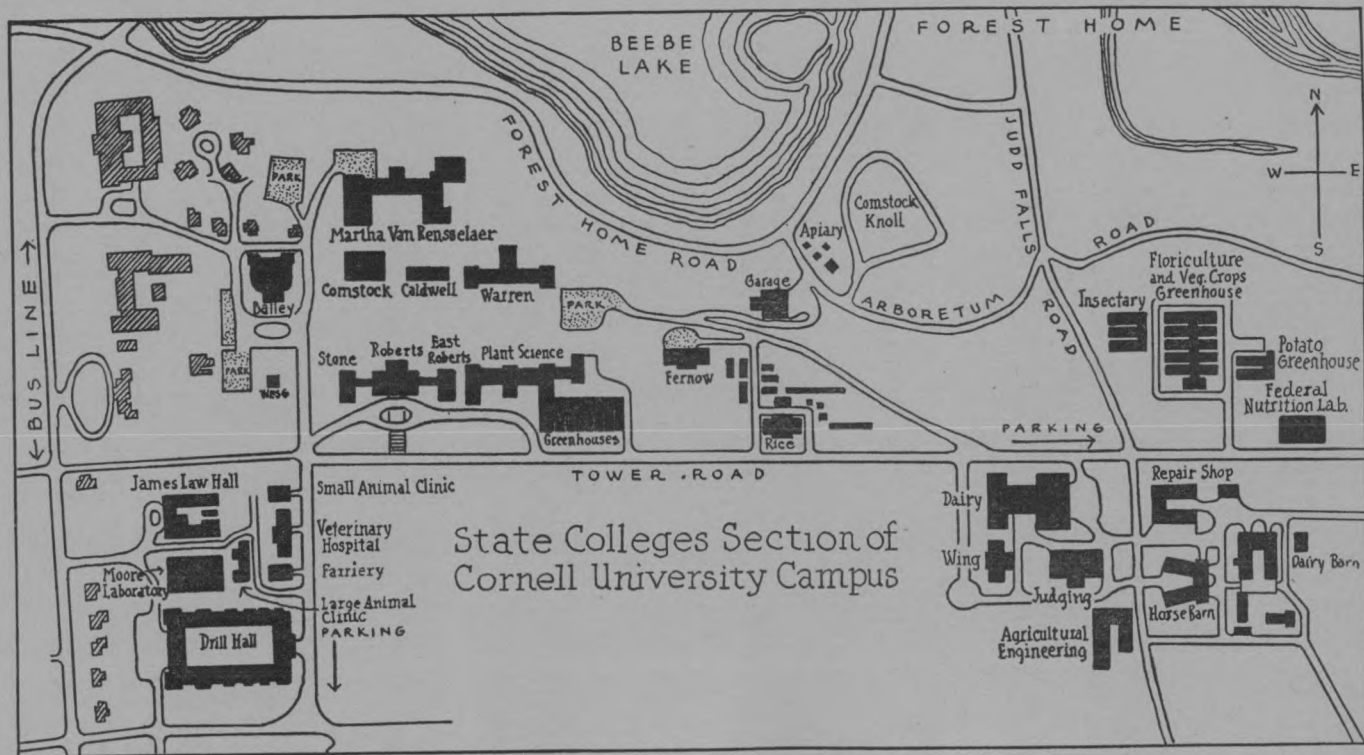
Thirty-Fifth Annual
FARM AND HOME WEEK
*of the New York State Colleges of Agriculture,
Home Economics, and Veterinary Medicine*
February 9-14, 1942



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INFORMATION

Information bureau

Visitors may apply to the information bureau on the first floor of Roberts Hall for mail and information. Lost and found articles should be reported here.

Registration

Visitors are requested to register in Roberts Hall or Martha Van Rensselaer Hall, Room 278, and to procure a program. Former students should indicate that fact on the registration card and should give their occupation.

Mr. A. W. Gibson, of the Office of Resident Instruction, is collecting information on former students of the College, and will be glad to assist them in getting information about their classmates and acquaintances.

Conferences and exhibits

For special conferences, see page 40.

For description of exhibits, see page 46.

Checking room

Coats and parcels may be checked free of charge on the second floor of Roberts Hall.

Lecture rooms and laboratories

The rooms of the buildings of the Colleges of Agriculture and Home Economics are numbered independently. All rooms on the first floor bear numbers in the first hundred, those on the second floor in the second hundred, and so on. The location of demonstrations and lectures is indicated by giving the name of the building and the number of the room; thus, **Rice Hall 300** is a lecture room on the third floor of Rice Hall.

Rooms

A directory of available rooms is in Roberts Hall, basement. Plans have been made to insure comfortable accommodations for all visitors.

Meals

Cafeteria—Martha Van Rensselaer Hall

(west wing, ground floor, enter through main corridor only)

The cafeteria serves its guests more efficiently when larger numbers eat between the hours of 11.15 a.m. and 12 m. or 1.15 p.m. and 2 p.m.; the hour of 12 m. to 1 p.m. is always the most crowded. Meals are served at the following hours:

Breakfast (daily)	7.15 to 9.15 a.m.
Lunch (Monday through Friday)	11.15 a.m. to 2 p.m.
(Saturday only)	11.30 a.m. to 1.30 p.m.
Dinner (daily, except Saturday)	5.15 to 7 p.m.

In addition to the usual cafeteria menu, a 35-cent luncheon is served at noon and a 50-cent dinner at night.

Cafeteria—Willard Straight Hall

Meals are served here at the following hours:

Breakfast	7.15 to 11 a.m.
Lunch	11 a.m. to 1.30 p.m.
Dinner	5 to 7 p.m.
Short-order service	7.15 a.m. to 8 p.m.
Soda-bar service	9 a.m. to 11.30 p.m.

Dining Room—Williard Straight Hall

Meals are served here at the following hours:

Lunch	11.30 a.m. to 1.45 p.m.
Dinner	5.45 to 8 p.m.

Dining Room—Johnny Parson Club

(situated between Balch Halls and Beebe Lake)

Breakfast	7.30 to 11.30 a.m.
Lunch	11.30 a.m. to 2.30 p.m.
Dinner	5.30 to 7.30 p.m.
Short-order service	8 a.m. to 11.30 p.m.

Lunch rooms

Martha Van Rensselaer Hall Student Lounge (center wing, ground floor). Open Monday through Friday. Sandwiches, soup, pie, ice cream, fruit, milk, coffee, and tea are available from 11 a.m. to 2 p.m.

Martha Van Rensselaer Hall Student Lounge (center wing, second floor). Open Monday through Friday. Sandwiches, cookies, fruit, ice cream, milk, coffee, and tea are available from 10 a.m. to 5 p.m.

Plant Science Building (west end, ground floor). Open Monday through Friday. Soup, sandwiches, pie, ice cream, fruit, and beverages are available from 11 a.m. to 2 p.m.

Wing Hall (first floor). Open Monday through Friday. Complete meals are served daily from 11 a.m. to 2 p.m. Sandwiches, ice cream, and beverages are available from 2 to 5 p.m.

Dairy Building (basement). Open daily from 9 a.m. to 5 p.m. (except Saturday, it closes at 1 p.m.). Sandwiches, pie, ice cream, milk, coffee, cheese, and the like.

A place to eat box lunches is provided between 12 m. and 1 p.m. in the north-east corner of Barton Hall. Use east entrance. Only coffee and milk are sold.

First-aid rooms or emergency rooms for first aid

Martha Van Rensselaer Hall. G-62 (ground floor). Nurse on duty. Telephone 2785. 3M23 (third floor mezzanine).

Please bring this publication with you to Ithaca
if you received it in advance

LECTURES AND DEMONSTRATIONS

AGRICULTURE, HOME ECONOMICS, AND VETERINARY MEDICINE

MONDAY, FEBRUARY 9

(All lectures and demonstrations begin on the hour and continue for 45 minutes
Unless otherwise indicated, all speakers and demonstrators are members of
the staff of Cornell University.)

- 8 a.m.** Conference of Future Farmers of America. See page 41.
- 8.30 a.m.** Judging contests. Teams from high schools.
Plant-disease identification. Charles Chupp, in charge. **Plant Science 319**
Farm-shop skills. L. M. Roehl, in charge. **Agricultural Engineering West Laboratory**
Poultry. G. O. Hall, in charge. **Poultry Judging Laboratory**
Tree identification. J. D. Pond, in charge. **Forestry Museum, Fernow Hall**
Potatoes. A. J. Pratt, in charge. **Vegetable Greenhouses**
Apple identification. L. J. Edgerton, in charge. **Plant Science 114**
- 9 a.m.** What does it cost to market milk? Stewart Johnson. **Warren Hall Auditorium**
Tractor-magneto timing. C. E. Brower. **Agricultural Engineering East Laboratory**
Conference of Future Farmers of America. See page 41.
Judging contest. Teams from high schools.
Seed identification. F. P. Bussell, in charge. **Plant Science 144**
Demonstration contest by school teams. Until 12 m. R. A. Olney, in charge. **Plant Science 143**
- Lectures in Martha Van Rensselaer Hall*
- Longer life for pots and pans. Repeated Wednesday at 9 a.m. Elaine Knowles. **Room 121**
From fabric to frock. Repeated Thursday at 11 a.m. and Friday at 12 m. Helen P. Smith. **Room 215**
- 10 a.m.** Soil conservation for future farmers. A. F. Gustafson. **Caldwell 100**
Some problems in getting started in farming. V. B. Hart. **Warren Hall Auditorium**
Will your son farm? W. A. Anderson. **Warren Hall 225**

Do stock need mineral supplements or complex mineral and vitamin mixtures? Until 12 m. F. B. Morrison, chairman.

Wing Hall A

Dairy cattle. C. L. Norton.

Swine. J. L. Krider.

Beef cattle and sheep. Edwin Rousek.

Adjusting the tractor carburetor. W. F. Millier.

Agricultural Engineering East Laboratory

Conference of Future Farmers of America. See page 41.

Demonstration contest by school teams. Continued, see 9 a.m.

Plant Science 143

Future Farmers of America Glee Club. J. W. Hatch, Buffalo, New York, in charge. **Rehearsal Room, Willard Straight Hall**

Lectures in Martha Van Rensselaer Hall

Managing in the home to gain time for outside work. Repeated Thursday at 10 a.m. Delpha Weisendanger. **Room 121**

Skin problems of youth. A. G. Gould, M.D. **Room 215**

11 a.m.

What is ahead for young farmers? W. I. Myers.

Warren Hall Auditorium

Do stock need mineral supplements or complex mineral and vitamin mixtures? Continued, see 10 a.m. **Wing Hall A**

"Tuning up" the tractor. Repeated Wednesday at 9 a.m. L. H. Mehlenbacher. **Agricultural Engineering East Laboratory**

Making the home vegetable garden a source of fun and funds for children. Repeated Saturday at 10 a.m. G. J. Raleigh. **East Roberts 222**

California poultry practices. Colored slides of California poultry farms. J. H. Bruckner. **Rice Hall 300**

Marketing saw logs and other products from farm woodlands in 1942. Repeated Wednesday at 10 a.m. A. B. Recknagel. **Fernow 122**

Demonstration contest by school teams. Continued, see 9 a.m.

Plant Science 143

Conference of Future Farmers of America. See page 41.

A place to eat box lunches is provided between 12 m. and 1 p.m. in the northeast corner of Barton Hall. Use east entrance. Only coffee and milk are sold.

Lectures in Martha Van Rensselaer Hall

To market, to market, to get you a job. Beth Cummings, Youth Editor, *Farm Journal and Farmer's Wife*, Philadelphia, Pennsylvania. **Auditorium**

Where do you boys and girls keep your belongings? Repeated at 3 p.m. Doris Strong. **Room 121**

How clothes affect your health. Repeated Tuesday at 10 a.m. Muriel Brasie. **Room 215**

Current publications on housing, including house planning and furnishings. Repeated Tuesday, Thursday, and Friday at 12 m., and Wednesday at 1 p.m. Olive Chadeayne. **Room 3M14**

- 12 m. A farm boy and his money. W. M. Curtiss.
Warren Hall Auditorium
Size of dairy cows in New York. Max Myers. Warren Hall 125
Tractor fuels. B. A. Jennings.
Agricultural Engineering East Laboratory
Motion pictures. See bulletin boards on first floor for a list of films
to be shown. Auditorium, Martha Van Rensselaer Hall
- 1 p.m. Motion pictures. Bailey Auditorium
Judging contests. Teams from high schools.
Livestock. H. A. Willman, in charge. Judging Pavilion
Milk. H. J. Brueckner, in charge. Dairy 218
Conference on home vegetable storage. Repeated daily at 1 p.m.
East Roberts 223
Fruit-growers trouble hour. Repeated daily at 1 p.m. W. D.
Mills and J. A. Evans. Plant Science 141
Motion pictures. New York State Department of Health.
Amphitheatre, Martha Van Rensselaer Hall
- 2 p.m. Welcome to the Thirty-fifth Annual Farm and Home Week. Carl
E. Ladd, Dean of the New York State Colleges of Agriculture and
Home Economics, and Sarah G. Blanding, Director of the College
of Home Economics.
Auditorium, Martha Van Rensselaer Hall
Artificial insemination of livestock. Wing Hall A
Experimental developments. G. H. Beck.
Results of artificial breeding in New York. Illustrated. E. I.
Elliott.
How to select a farm. F. F. Hill. Warren Hall Auditorium
Visits to New York State poultry farms. Illustrated. L. M.
Hurd. Rice Hall 300
Meeting of Executive Committee of the Teachers of Vocational
Agriculture. E. F. Nohle, President, Wolcott, New York.
Roberts 492
Future Farmers of America Glee Club. J. W. Hatch, Buffalo,
New York, in charge. Rehearsal Room, Willard Straight Hall
Surgical treatment of disease. Demonstration. Repeated Wednes-
day at 2 p.m. and Friday at 3 p.m. A. G. Danks and F. O.
Wright. Large Animal Clinic

Lectures in Martha Van Rensselaer Hall

- Food demonstrations by 4-H Club members. Until 4 p.m. Inez
Prudent, in charge. Amphitheatre
The refinishing and use of old oak furniture. Repeated Wednesday
at 11 a.m. and Friday at 10 a.m. Nancy M. Roman, assisted by
a 4-H Club agent, a local leader, a club member, and a college
student. Room 327
Weaving and its place in the home. Repeated Tuesday and Wednes-
day at 11 a.m. and Thursday and Friday at 2 p.m. Donald
Dunklee. Room 3M13

- 3 p.m.** Pasture improvement. Illustrated. Lecture-discussion. Until 5 p.m. D. B. Johnstone-Wallace, chairman, and Keith Kennedy. **Caldwell 100**
- A future farmer plans his farm business. H. F. DeGraff. **Warren Hall Auditorium**
- Corn for grain and silage. Lecture-demonstration. Repeated Wednesday and Friday at 3 p.m. W. D. Swope. **Plant Science 49**
- Why cows produce milk—recent research in mammary development. S. A. Asdell. **Wing Hall A**
- The nutritional-deficiency diseases of chickens. Illustrated. L. C. Norris. **Rice Hall 300**
- Growing sweet corn. Until 5 p.m. **East Roberts 222**
 Varieties. W. D. Enzie.
 Seed treatment. W. F. Crosier.
 Culture. C. B. Raymond and R. D. Sweet.
 Ear-worm and borer control. L. A. Carruth.
- Adjustment of horse-drawn plows. Repeated Thursday at 9 a.m. H. S. Pringle. **Agricultural Engineering East Laboratory**
- Rural recreation. Round table. W. M. Smith, Jr. **Warren Hall 302**
- The boy and his clothes. Lecture-demonstration. Repeated Tuesday at 9 a.m. **Roberts Assembly**
 Grooming and health. Allen Pomeroy, Binghamton, New York.
 Selection of clothes. Emma D. Nevin.
- Educational reviews of judging contests. Until 5 p.m. **Forestry Museum, Fernow Hall**
 Tree identification. **Judging Pavilion**
 Livestock.
- Lectures in Martha Van Rensselaer Hall*
- Effective wardrobe planning. Clothes made and worn by students. Repeated Tuesday, Wednesday, and Thursday at 3 p.m. Margaret Humphrey, Ruth Scott, and students. **Auditorium**
- Food demonstrations by 4-H Club members. Continued, see 2 p.m. **Amphitheatre**
- Where do you boys and girls keep your belongings? Doris Strong. **Room 121**
- Herbs for the small garden. Illustrated. Helen M. Fox, Peekskill, New York. **Room 215**
- 3.30 p.m.** Campus tour. Arthur Lisack and Frank Goll, students, in charge. **Starting point, Dairy Building**
- 4 p.m.** Marketing New York farm products. Illustrated. M. C. Bond. **Warren Hall Auditorium**
- Some winter birds and their food. Illustrated. P. P. Kellogg. **Plant Science 233**
- Adjustment of tractor plows. Repeated Thursday at 10 a.m. P. R. Hoff. **Agricultural Engineering East Laboratory**
- Killing and dressing poultry. Demonstration. Repeated Thursday at 4 p.m. F. E. Andrews. **Basement, Rice Hall**

Better potatoes through breeding. Lecture-demonstration. Repeated Wednesday at 12 m. and Friday at 10 a.m. J. R. Livermore. **Plant Science 146**

Growing sweet corn. Continued, see 3 p.m. **East Roberts 222**

Pasture improvement. Illustrated. Lecture-discussion. Continued, see 3 p.m. **Caldwell 100**

Educational review of judging contests. **Dairy 218**

Milk. **Forestry Museum, Fernow Hall**
Tree identification. Continued, see 3 p.m.

Display: Cuts of quality meats. **Meat Cutting Rooms, Wing Hall**

Lectures in Martha Van Rensselaer Hall

Our American heritage in folklore. Robert McCloskey, author, New York City. **Auditorium**

Scandinavian farm and market scenes. Illustrated. Repeated Wednesday at 4 p.m. Linnea Dennett. **Room 339**

5 p.m. Community sing. Max Exner. **Auditorium, Martha Van Rensselaer Hall**

Birds in relation to agriculture. Illustrated. A. A. Allen. **Plant Science 233**

Practice hour for recreation leaders. W. M. Smith, Jr. and G. T. Hudson. **Warren Hall 401**

5.30 p.m. Banquet for delegates to the mid-winter meeting of Future Farmers of America, and for members and contestants. David Hovey, Painted Post, New York, State President, Future Farmers of America, toastmaster. Reservations must be made before 11 a.m. with Richard Call, State Secretary and Treasurer, first floor, Stone Hall. **Memorial Room, Willard Straight Hall**

Evening

8 p.m. Rice Debate Stage. A debate on the subject, "Resolved, That as a part of a general price-fixing program, maximum prices for farm products be fixed for the duration of the national emergency." Prizes of \$100 and \$25 are given by Professor Emeritus James E. Rice. **Warren Hall Auditorium**

Future Farmers of America amateur night. Cleon Barber, President, Cornell Collegiate Chapter, presiding, assisted by R. E. Dague and teachers of vocational agriculture. **Bailey Auditorium**

TUESDAY, FEBRUARY 10

(All lectures and demonstrations begin on the hour and continue for 45 minutes. Unless otherwise indicated, all speakers and demonstrators are members of the staff of Cornell University.)

8.30 a.m. Judging contests. Teams from high schools. **Agricultural Engineering West Laboratory**
Farm-shop skills. L. M. Roehl, in charge.

Educational reviews of judging contests. **Plant Science 114**
Apples. **Vegetable Greenhouses**
Potatoes.

- 9 a.m. The feed and livestock situation. K. R. Bennett.
Warren Hall 125
- Seeding mixtures and practices for hay land. G. H. Serviss.
Caldwell 100
- Fertilizer recommendations for vegetable production. Illustrated in color. R. D. Sweet.
East Roberts 222
- How genetic characters of poultry are transmitted from parent to offspring. Illustrated. W. F. Lamoreux.
Rice Hall 300
- New developments in breeding better livestock. G. W. Salisbury.
Wing Hall A
- Hitches for rubber-tired wagons. H. S. Pringle.
Agricultural Engineering East Laboratory
- The boy and his clothes. Lecture-demonstration.
Roberts Assembly
- Grooming and health. Allen Pomeroy, Binghamton, New York.
Selection of clothes. Emma D. Nevin.
- Annual meeting of the New York Cooperative Seed Potato Association, Inc. Until 11 a.m.
Plant Science 141
- Hybrid corn for New York State. R. G. Wiggans.
Plant Science 143
- A new quotation for finest quality, large, white eggs at New York City. A. VanWagenen.
Warren Hall 225
- Wildlife on the farm. W. J. Hamilton, Jr.
Comstock 145

Lectures in Martha Van Rensselaer Hall

- Some beliefs for our time. Mark Entorf.
Auditorium
- Better service from the refrigerator. Illustrated. Repeated Thursday at 9 a.m. Elaine Knowles.
Amphitheatre
- Symposium: How can we make the most of the school health examination? Dean Smiley, M. D., chairman. **Room 215**
J. G. Fred Hiss, M.D., State Medical Society, Syracuse, New York; Marie Swanson, State Education Department, Albany, New York; Robert Broad, M.D., City Health Officer, Ithaca, New York.
- The new yardstick for measuring nutrition. Repeated Thursday at 3 p.m. Olga Brucher.
Room 339
- Food-preparation demonstration by a student, and a question period. Students participating daily: Margaret Bull, June Dukinfield, Dorothy Eckstein, Helen Farmer, Elizabeth Feldmeier, Ruth Goodyer, Margaret Morse, and Marion Silsby. Faculty in charge for the week: Grace Foster and Ellen Bek. Repeated daily at 9 a.m.
Room 361
- 10 a.m. Father-and-son arrangements on the farm. S. W. Warren.
Warren Hall Auditorium
- Effect of war on the livestock business of Europe. S. A. Asdell.
Wing Hall A
- Mid-winter meeting of Future Farmers of America.
Bailey Auditorium
- Used rubber tires for farm machinery. P. R. Hoff.
Agricultural Engineering East Laboratory

- Farm rotations and practices that control weeds. E. VanAlstine
and W. C. Muenscher. **Caldwell 100**
- Vegetable seeds. **East Roberts 222**
- How supplies and prices have been influenced by the war. Paul
Work.
- Field and laboratory seed testing. M. T. Munn.
Why and how are they certified? C. B. Raymond.
- Rootstocks for the home orchard. Damon Boynton. **Plant Science 37**
- Small grains. Lecture-demonstration. Repeated on Wednesday
and Friday at 11 a.m., and Thursday at 10 a.m. H. H. Love.
Plant Science 146
- Home landscaping: Soil preparation, testing, and amendment.
Kenneth Post. **Plant Science 233**
- Costs and returns in producing milk. I. R. Bierly. **Warren Hall 125**
- You and your county government. C. A. Bratton. **Warren Hall 225**
- Mechanics of insect anatomy. F. H. Butt. **Comstock 145**
- The nutritive value of eggs. G. F. Heuser. **Rice Hall 300**
- Management of the sugar bush. Repeated Thursday at 10 a.m.
J. D. Pond. **Fernow 122**
- Sewage disposal on the farm. J. C. McCurdy. **Dairy 119**
- Educational review of seed-identification judging contest.
Plant Science 144
- Annual meeting of the New York Cooperative Seed Potato Associa-
tion, Inc. Continued. **Plant Science 141**
- Future Farmers of America Glee Club. J. W. Hatch, Buffalo,
New York, in charge. **Rehearsal Room, Willard Straight Hall**
- Poultry post-mortems. Demonstration. Until 12 m. Repeated
on subsequent days at 10 a.m. E. L. Brunett and M. S. Hofstad.
Moore Laboratory 112

Lectures in Martha Van Rensselaer Hall

- Education for peace. Flora M. Thurston. **Auditorium**
- Low-cost meats. Until 12 m. Repeated Wednesday at 2 p.m.
Representative from National Livestock and Meat Board,
Chicago, Illinois. **Amphitheatre**
- Helps and hazards in medical books. Helen Bull, M.D. **Room 120**
- Our family management with three small children. Mrs. George
Willis, Ithaca, New York. Repeated Thursday at 12 m. **Room 121**
- How clothes affect your health. Muriel Brasie. **Room 215**
- The vitamin-B family. Milicent Hathaway. Repeated Wed-
nesday at 3 p.m. **Room 339**
- Food-preparation demonstration by a student, and a question
period. Repeated daily at 10 a.m. **Room 426**

- 11 a.m. How agriculture is contributing to defense. L. R. Simons.
Roberts Assembly
- Parity prices for dairy products. Leland Spencer.
Warren Hall Auditorium
- The quality of forage-crop seeds. M. T. Munn. **Caldwell 100**
- Milk-products round table: Bacterial counts, flavors, cream line, pasteurization, buttermaking, sour cream, and cottage cheese. Repeated Thursday at 12 m. Staff members of the department of dairy industry. **Dairy 218**
- How upstate regional markets have changed during the past decade. V. H. Nicholson. **Warren Hall 125**
- Home landscaping: New gardens for new homes. T. J. Baird.
Plant Science 143
- Annual meeting of the New York Seed Improvement Cooperative Association, Inc. **Plant Science 141**
- Control of erosion in the orchard. Illustrated discussion. W. C. Huff. **Plant Science 37**
- Potato production for the small grower. Illustrated in color. Repeated Friday at 12 m. A. J. Pratt. **East Roberts 222**
- Handling honey in the honey house. E. F. Phillips.
Comstock 145
- Care and culture of forest plantations. Repeated Friday at 10 a.m. J. D. Pond. **Fernow 122**
- Why beef cattle? R. B. Hinman. **Wing Hall A**
- Reconditioning tractor valves. W. F. Millier.
Agricultural Engineering East Laboratory
- Care and repair of electrical appliances. F. B. Wright.
Agricultural Engineering West Laboratory
- You can get rid of rats on your farm. George Dyar, Division of Predator and Rodent Control, United States Department of Interior, Boston, Massachusetts. **Rice Hall 300**
- Poultry post-mortems. Continued, see 10 a.m.
Moore Laboratory 112
- Sculpture demonstration. Elfrieda Abbe, Ithaca, New York. Miss Abbe will model an animal. **Stone Hall 101**
- A place to eat box lunches is provided between 12 m. and 1 p.m. in the northeast corner of Barton Hall. Use east entrance. Only coffee and milk are sold.

Lectures in Martha Van Rensselaer Hall

- Today's children in a world at war. Marie Belle Fowler.
Auditorium
- Low-cost meats. Continued, see 10 a.m. **Amphitheatre**
- Managing the family food bill. Repeated Friday at 11 a.m. Hazel Hauck and Barbara B. Kennedy. **Room 121**
- Good feet and right shoes for girls. Alvin Carpenter, M.D., Binghamton, New York. **Room 215**
- Food-preparation demonstration by a student, and a question period. Repeated daily at 11 a.m. **Room 361**

Weaving and its place in the home. Repeated Wednesday at 11 a.m. and Thursday and Friday at 2 p.m. Donald Dunklee.

Room 3M13

Effective and inexpensive ways to light the home. Lecture-demonstration with discussion. Until 12.30 p.m. Repeated Wednesday at 11 a.m. Helen G. McKinlay, General Electric, Nela Park, Cleveland, Ohio.

Room 408

12 m. Buying farm supplies in a war market. V. A. Fogg, President, Cooperative G. L. F. Farm Supplies, Ithaca, New York.

Warren Hall Auditorium

Vegetables for the entire year from our demonstration garden. Mrs. Justin Morton, Ashville, New York.

East Roberts 222

What farmers should know about local defense programs. Repeated Thursday at 12 m. R. A. Polson.

Warren Hall 225

The farm freezer. Demonstration and conference. Repeated Wednesday and Thursday at 12 m. Mrs. H. E. Babcock, Mrs. W. D. McMillan, and Mrs. R. E. Seaburg, Ithaca, New York; and C. W. DuBois.

Wing Hall A

Repairing our farm machinery. C. N. Turner.

Agricultural Engineering East Laboratory

Soils and forests, Alaska to Panama, in colored pictures. Repeated Wednesday at 5 p.m. R. F. Chandler.

Caldwell 100

Home landscaping: Pruning trees and shrubs. Motion pictures. A. M. S. Pridham.

Plant Science 233

Lectures in Martha Van Rensselaer Hall

Motion pictures. See bulletin boards on first floor for a list of films to be shown.

Auditorium

Consider the way you clean. Jessie MacDonald.

Amphitheatre

Are your clothes making the most of you? Repeated Friday at 3 p.m. Pauline W. Fuller.

Room 215

Experimenting in our family management. Illustrated. Repeated Thursday at 3 p.m. and Friday at 10 a.m. Mrs. Lloyd D. Wyant, Castile, New York.

Room 339

Current publications on housing, including house planning and furnishings. Repeated Wednesday at 1 p.m. and Thursday and Friday at 12 m. Olive Chadeayne.

Room 3M14

Food-preparation demonstration by a student, and a question period. Repeated daily at 12 m.

Room 426

12.15 p.m. Luncheon for breeders and feeders of Aberdeen-Angus, Hereford, and Shorthorn cattle. Public invited. Bristow Adams, toastmaster.

Memorial Room, Willard Straight Hall

Speakers: J. M. Vial, University of Maryland, College Park, Maryland, and F. B. Morrison.

12.30 p.m. Consultation on home landscape problems. Bring plans of property, pictures if possible. Repeated on subsequent days at 12.30 p.m. D. J. Bushey.

Plant Science 29

1 p.m. Motion pictures.

Bailey Auditorium

Fruit-growers trouble hour. W. D. Mills and J. A. Evans.

Plant Science 141

Conference on home vegetable storage. Repeated daily at 1 p.m.
East Roberts 223

Home landscaping: "The Home Place," a motion picture. Repeated on subsequent days at 1 p.m. R. C. Allen, in charge.
Plant Science 233

Irrigating vegetables. Until 3 p.m. **East Roberts 222**
 Cultural considerations. R. H. White-Stevens.
 Engineering aspects. C. N. Turner.

Lectures in Martha Van Rensselaer Hall

Homemaking education in the national crisis. Marion S. Van Liew, New York State Education Department, Albany.
Auditorium

Motion pictures. New York State Department of Health.
Amphitheatre

Food-preparation demonstration by a student, and a question period. Repeated daily at 1 p.m. **Room 361**

2 p.m. Inside view of occupied and unoccupied France. Roy P. Porter, Associated Press War Correspondent, Paris, France.
Bailey Auditorium

The war and world prices. Donald Paarlberg. **Warren Hall 125**

New products from maple sirup. Repeated Thursday at 2 p.m.
 C. J. Tressler. **Forestry Club Room, third floor, Fernow Hall**

Home landscaping: Your lawn problems. J. F. Cornman.
Plant Science 233

Better use of farm manures. R. B. Child. **Caldwell 100**

Life insurance for farmers. H. F. DeGraff.
Warren Hall Auditorium

Are there opportunities for New York poultrymen in the broiler business? L. E. Weaver. **Rice Hall 300**

Purebred-association programs. Until 4.30 p.m. G. W. Salisbury, chairman. **Wing Hall A**

Insuring the future of New York State purebreds. C. T. Conklin, Secretary, Ayrshire Breeders' Association, Brandon, Vermont.

Production records of greatest use to breeders. Earl N. Shultz, Field Representative, American Guernsey Cattle Club, Peterborough, New Hampshire.

Judging beef cattle, horses, sheep, and swine. Until 4 p.m. Demonstration and contest. Competition open to Farm and Home Week visitors. J. I. Miller, in charge. **Judging Pavilion**

Tractor-battery ignition timing. C. E. Brower.
Agricultural Engineering East Laboratory

Irrigating vegetables. Continued, see 1 p.m. **East Roberts 222**

Mastitis. Lecture-demonstration. Repeated at 3 p.m. and Thursday at 2 and 3 p.m. S. D. Johnson and Jean Ferguson. Use east entrance, Garden Avenue. **Veterinary Medical Building**

Bang's disease round table. Until 4 p.m. Repeated Friday at 2 p.m. R. R. Birch, H. L. Gilman, and W. S. Stone.
Moore Laboratory 101

Inspection of the official Bang's disease laboratory, and blood-testing demonstrations. Until 4 p.m. Repeated on subsequent days at 2 p.m. W. M. Evans. **Moore Laboratory 103**

Lectures in Martha Van Rensselaer Hall

Are you using whole-wheat flour? Conversation-demonstration. Until 4 p.m. Marion Pfund, Ellen Bek, Frances Carlin, Elizabeth Feldmeier, and Cora Miller. **Amphitheatre**

Your 'teen-age daughter speaks out. Beth Cummings, Youth Editor, *Farm Journal and Farmer's Wife*, Philadelphia, Pennsylvania. **Auditorium**

The making and use of woven rag rugs. Repeated Thursday at 11 a.m. Nancy M. Roman, assisted by a 4-H Club agent, a local leader, a club member, and a college student. **Room 327**

How the federal government is helping the consumer. Repeated Wednesday at 9 a.m. Mrs. Helendeen H. Dodderidge, United States Department of Agriculture, Washington, D. C. **Room 339**

Suggestions for improving old houses. Discussion. Illustrated. Until 3.30 p.m. Repeated Friday at 11 a.m. Grace Morin. **Room 215**

Food-preparation demonstration by a student, and a question period. Repeated daily at 2 p.m. **Room 426**

2.30 p.m. Inspection of beef barn, beef breeding herds, and experimental steers. C. R. Martin, Producers' Cooperative Commission Association, Buffalo, New York, and R. B. Hinman, in charge. **Beef Cattle Barn**

3 p.m. Presentation of awards for high-school judging contests. **Bailey Auditorium**

Fertilizer needs and supplies, and the use of trace elements in New York. E. VanAlstine, chairman, M. Peech, and G. J. Raleigh. **Caldwell 100**

Contour strips for potatoes and other cultivated crops. George Moore, Soil Conservation Service, Ithaca, New York. **Plant Science 143**

Expansion of dairying in the South. J. N. Efferson, Louisiana State University, Baton Rouge, Louisiana. **Warren Hall Auditorium**

Home-grown feed grains. Lecture-demonstration. W. D. Swope. **Plant Science 146**

Growing cabbage. Until 5 p.m. **East Roberts 222**
Strains and fertilizers. R. D. Sweet.
Insect control. G. E. R. Hervey.
Disease control and strain resistance. O. A. Reinking.

Grading and packing apples to appeal to buyers and consumers. A. VanDoren. **Plant Science 37**

Home landscaping: Trees and shrubs. R. W. Curtis. **Plant Science 233**

How dairy-cow replacements are financed. D. B. Ferguson. **Warren Hall 125**

How to use dramatics in Grange programs. Round table. Mary Eva Duthie. **Warren Hall 340**

Ideas on poultry-house construction. A. H. DeGolyer.
Rice Hall 300

Buttermaking. Discussion and demonstration. Repeated Friday
at 9 a.m. E. S. Guthrie. **Dairy 119**

Grain- and corn-binder troubles. B. A. Jennings.
Agricultural Engineering East Laboratory

Judging beef cattle, horses, sheep, and swine. Continued, see 2 p.m.
Judging Pavilion

Purebred-association programs. Continued, see 2 p.m.
Wing Hall A

Use of type classification. M. B. Nichols, Holstein-Friesian
Association of America, Brattleboro, Vermont.

Selective registration. John C. Thompson, American Jersey
Cattle Club, Windsor, Vermont.

Mastitis. Lecture-demonstration. Repeated Thursday at 2 and
3 p.m. S. D. Johnson and Jean Ferguson. Use east entrance,
Garden Avenue. **Veterinary Medical Building**

Post-mortems on farm animals. Demonstration. Repeated Thurs-
day at 3 p.m. C. W. Barber and M. D. Reed. Use east
entrance. **Autopsy Room, second floor, Moore Laboratory**

Bang's disease round table. Continued, see 2 p.m.
Moore Laboratory 101

Inspection of the official Bang's disease laboratory, and blood-testing
demonstrations. Continued, see 2 p.m. **Moore Laboratory 103**

Lectures in Martha Van Rensselaer Hall

Effective wardrobe planning. Clothes made and worn by students.
Repeated Wednesday and Thursday at 3 p.m. Margaret
Humphrey, Ruth Scott, and students. **Auditorium**

Are you using whole-wheat flour? Continued, see 2 p.m.
Amphitheatre

The Farm Security Administration builds family security.
Repeated Friday at 9 a.m. Marian L. Babcock, Farm Security
Administration, Ithaca, New York. **Room 120**

Ways of saving as you buy food. Repeated Wednesday at 11 a.m.
Alida Hotchkiss and Olga Brucher. **Room 121**

Diseases and disease conditions caused by poor diets. Raymond
D. Fear, M.D., District State Health Officer, Ithaca, New York.
Room 215

Conference of home-economics teachers on education for defense—
federal and state representatives. Marion S. Van Liew, State
Education Department, Albany, New York, and Cora E. Binzel.
Room 339

Food-preparation demonstration by a student, and a question period.
Repeated daily at 3 p.m. **Room 361**

4 p.m. Birds of the Eskimo country. Illustrated. G. M. Sutton.
Plant Science 233

Farming in Mexico. Richard Bradfield.
Warren Hall Auditorium

"The Formation of an Egg" and "Where Chick Life Begins."
Motion pictures with sound and natural color. Repeated Friday
at 4 p.m. A. L. Romanoff. **Rice Hall 300**

Corn and soybeans. Lecture-demonstration. Repeated Thursday at 3 p.m. R. G. Wiggins. **Plant Science 49**

"Blossom Forth the Fruit," a colored motion picture devoted to the control of insects and disease, and other orchard operations. Repeated Thursday at 4 p.m. J. A. Evans. **Plant Science 37**

How to prevent blackening of cooked potatoes. Ora Smith. **Plant Science 143**

Purebred-association programs. Discussion. Continued, see 2 p.m. **Wing Hall A**

Annual meeting of the Eastern Aberdeen-Angus Association. **Wing Hall C**

Annual meeting of the New York Hereford Association. **Wing Hall E**

Repairing the grain drill. W. F. Millier. **Agricultural Engineering East Laboratory**

Meat display: Quality beef cuts. **Meat Cutting Rooms, Wing Hall**

Fertilizer needs and supplies. Continued, see 3 p.m. **Caldwell 100**

Growing cabbage. Continued, see 3 p.m. **East Roberts 222**

Conferences: Members of the poultry department are available for individual conferences as follows:

Breeding. **Rice Hall 201**

Incubation. **Rice Hall 109**

Nutrition. **Rice Hall 303**

Management. **Rice Hall 101**

Consultations on poultry-disease problems. Repeated on subsequent days at 4 p.m. E. L. Brunett and M. S. Hofstad. **Moore Laboratory 111**

Lectures in Martha Van Rensselaer Hall

Home-economics public-speaking stage. Six students in home economics present twelve-minute speeches for a first prize of \$100 and a second prize of \$25 offered by an anonymous donor. Until 6 p.m. **Auditorium**

What Europe had to eat and what she now has. Illustrated. Repeated Thursday at 4 p.m. Mrs. Laura Lee Smith, Ithaca, New York. **Room 339**

Home economics in civilian defense. Discussion. Mabel Campbell, State Education Department, Albany, New York, and Grace Henderson. **Room 121**

Cooperative school projects for defense. Discussion. Flora M. Thurston. **Room 215**

5 p.m. Wild birds and their songs. Illustrated. P. P. Kellogg. **Plant Science 233**

Practice hour for recreation leaders. W. M. Smith, Jr. and G. T. Hudson. **Warren Hall 401**

Home-economics public-speaking stage. Continued, see 4 p.m. **Auditorium, Martha Van Rensselaer Hall**

Evening

6 p.m. Banquet for visitors. Sponsored by the New York State Dairy Herd Improvement Associations, the New York State Breeders'

Association, and the Dairy Commodity Committee of the New York State Farm Bureau Federation.
 Speaker: E. S. Bayard, Editor-in-chief, *Pennsylvania Farmer*, Pittsburgh, Pennsylvania. **Terrace Room, Willard Straight Hall**

Annual meeting of the New York State Breeders' Association. Following banquet. R. D. Foley, Buffalo, New York, presiding.

- 6.30 p.m.** Dinner for members and friends of the New York State Federation of Home Bureaus. Speaker: Mrs. Elsie W. Mies, Urbana, Illinois, President, Associated Women of the American Farm Bureau Federation. Reservations may be made at the table in the main lobby in Martha Van Rensselaer Hall until noon, February 10. **Memorial Room, Willard Straight Hall**
- 8 p.m.** Rural-choir festival. Max Exner, conductor. A festival of music presented by a massed chorus of singers from rural church choirs of Cayuga, Chemung, Cortland, Schuyler, Tioga, and Tompkins Counties. **Bailey Auditorium**
- 9 p.m.** Square dance. Sponsored by Ag-Domecon Association. **Barton Hall**

WEDNESDAY, FEBRUARY 11

(All lectures and demonstrations begin on the hour and continue for 45 minutes. Unless otherwise indicated, all speakers and demonstrators are members of the staff of Cornell University.)

- 8 a.m.** Horseshoeing and blacksmithing consultation. Until 12 m. Repeated on subsequent days at 8 a.m. Eugene Layton. **Farm Practice Shop**
- Drainage of wet spots in otherwise good fields. B. B. Robb. **Dairy 119**
- 9 a.m.** New ideas concerning artificial illumination for poultry. W. F. Lamoreux. **Rice Hall 300**
- Calfhood vaccination. Dr. Asa Winters, Albany, New York. **Wing Hall A**
- Seven years of erosion-control experiments in New York. John Lamb, Jr. and G. R. Free, United States Soil Conservation Experiment Stations in New York. **Caldwell 100**
- Increasing consumption of New York State fruits in large cities. M. P. Rasmussen. **Warren Hall Auditorium**
- Home landscaping: Vegetables contribute interest to the small garden. Paul Work. **Plant Science 233**
- Important considerations in growing stone fruits. M. B. Hoffman. **Plant Science 37**
- Suggestions for growing Iceberg lettuce. G. J. Raleigh. **East Roberts 222**
- Seed production for grasses and legumes. W. D. Swope. **Plant Science 141**
- Black-bass fishing. D. A. Webster. **Comstock 145**
- What's ahead for poultrymen. C. A. Becker. **Warren Hall 125**
- Retail demand for vegetables in a large upstate city. W. A. Lee. **Warren Hall 225**

Inexpensive and efficient dairy washing powders. H. J. Brueckner. Dairy 218

"Tuning up" the tractor. L. H. Mehlenbacher. Agricultural Engineering East Laboratory

Horseshoeing and blacksmithing consultation. Continued, see 8 a.m. Farm Practice Shop

The control of "colds" among chickens. M. S. Hofstad. Moore Laboratory 106

Lectures in Martha Van Rensselaer Hall

Personality problems in times of crisis. L. S. Cottrell, Jr. Auditorium

Rehabilitation of houses and people. Marian L. Babcock, Farm Security Administration, Ithaca, New York. Amphitheatre

Longer life for pots and pans. Elaine Knowles. Room 121

Clothes moths and how to fight them. Grace Griswold. Room 215

How the federal government is helping the consumer. Mrs. Helendeen H. Dodderidge, United States Department of Agriculture, Washington, D. C. Room 339

Food-preparation demonstration by a student, and a question period. Repeated daily at 9 a.m. Room 361

10 a.m. Supplies and prices of fertilizer, spray materials, and feed. T. E. Milliman, Office of Price Administration, Washington, D. C. Warren Hall Auditorium

What is ahead in the rural community? The Right Reverend Monsignor Luigi G. Ligutti, Executive Secretary, National Catholic Rural Life Conference, Des Moines, Iowa. Bailey Auditorium

Mastitis forum. E. S. Savage, chairman. Until 12 m. D. H. Udall and S. D. Johnson, and George DeVoe, Judd's Bridge Farm, New Milford, Connecticut. Wing Hall A

Sheep and lamb production. Round table. Until 12 m. Wing Hall C

Control of internal parasites. D. W. Baker.

Lamb feeding. F. B. Morrison.

Care of the farm flock. J. P. Willman.

4-H Club woodchopping contest.

Bacon Practice Cage, Schoellkopf Field

Controlling soil and water loss from cultivated fields, as viewed from the air. Illustrated in color. W. C. Huff. East Roberts 222

New or noteworthy varieties of tree fruits. G. H. Howe. Plant Science 37

Home landscaping: Pot plants, indoors and out. C. G. Keyes. Plant Science 233

Bird's-foot trefoil, Ladino clover, and other forage plants. H. A. MacDonald. Caldwell 100

Buying merchandise without cash. W. M. Curtiss. Warren Hall 125

Marketing saw logs and other products from farm woodlands in 1942. A. B. Recknagel. Fernow 122

- The rôle of pasture and silage in poultry feeding. G. F. Heuser.
Rice Hall 300
- Products made from surplus milk. P. F. Sharpe. Dairy 218
- The pricing of milk. Stewart Johnson. Warren Hall 225
- Adjusting ensilage cutters. C. N. Turner.
Agricultural Engineering East Laboratory
- Wintering bees properly. G. H. Rea. Comstock 145
- Potato growing in Idaho and California. E. V. Hardenburg.
Plant Science 143
- Home-grown red-clover seed. R. G. Wiggans.
Plant Science 141
- Horseshoeing and blacksmithing consultation. Continued, see
8 a.m. Farm Practice Shop
- Poultry post-mortems. Demonstration. Until 12 m. Repeated
on subsequent days at 10 a.m. E. L. Brunett and M. S.
Hofstad. Moore Laboratory 112

Lectures in Martha Van Rensselaer Hall

- The future we fight for. Mary Donlon, Trustee, Cornell Uni-
versity, New York City. Auditorium
- Preparation and nutritive value of dried fruits and vegetables.
D. K. Tressler. Amphitheatre
- The nation's treasure—children. Elizabeth M. Gardiner, M.D.,
New York State Department of Health, Albany. Room 121
- Judging the fabrics you buy. Virginia Jones. Repeated Thurs-
day at 12 m. Room 215
- Interesting experiences with a family's demonstration garden.
Mrs. Lloyd D. Wyant, Castile, New York. Room 339
- Color and its uses. Illustrated. Repeated Thursday at 9 a.m.
Virginia True. Room 317
- Food-preparation demonstration by a student, and a question
period. Repeated daily at 10 a.m. Room 426
- 11 a.m. The farm-price situation. W. I. Myers.
Warren Hall Auditorium
- 1941 fertilizer tests in New York. Richard Bradfield.
Caldwell 100
- Open forum on the rural church. The Right Reverend Monsignor
Luigi G. Ligutti, Executive Secretary, National Catholic Rural
Life Conference, Des Moines, Iowa. Bailey Auditorium
- Home landscaping: American-grown bulbs. Illustrated in color.
R. C. Allen. Plant Science 233
- Establishing and managing pastures for chickens and turkeys.
E. Y. Smith. Rice Hall 300
- How the Fulmer Forest Restoration Bill would affect woodland
owners in New York. R. S. Hosmer. Fernow 122
- Bacteria working for defense. Otto Rahn. Dairy 218
- Adjusting the angle, lead, and register of the mowing machine.
B. A. Jennings. Agricultural Engineering East Laboratory

- The layman's approach to art. Demonstration. Walter King Stone. **Stone Hall 101**
- Blueberry culture and varieties for New York. G. L. Slate. **Plant Science 37**
- Fertilizers, green manures, and irrigation for potatoes. Ora Smith. **Plant Science 143**
- Control of certain malnutrition troubles of vegetables by the use of boron, manganese, magnesium, and copper. Illustrated in color. H. C. Thompson. **East Roberts 222**
- Small grains. Lecture-demonstration. Repeated Thursday at 10 a.m. and Friday at 11 a.m. F. P. Bussell. **Plant Science 146**
- Mastitis forum. E. S. Savage, chairman. Continued, see 10 a.m. D. H. Udall and S. D. Johnson, and George DeVoe, Judd's Bridge Farm, New Milford, Connecticut. **Wing Hall A**
- Sheep and lamb production. Round table. Continued, see 10 a.m. **Wing Hall C**
- Horseshoeing and blacksmithing consultation. Continued, see 8 a.m. **Farm Practice Shop**
- New information regarding coccidiosis of the chicken. P. P. Levine. **Moore Laboratory 106**
- Poultry post-mortems. Demonstration. Continued, see 10 a.m. **Moore Laboratory 112**
- A place to eat box lunches is provided between 12 m. and 1 p.m. in the northeast corner of Barton Hall. Use east entrance. Only coffee and milk are sold.

Lectures in Martha Van Rensselaer Hall

- British women are building for the future. The Right Honorable Margaret Bondfield, Privy Councilor and former Minister of Labour of Great Britain, Cuttiversdoor, Ridgeway, Southborough. England. **Auditorium**
- Preparing foods for freezing. D. K. Tressler and C. W. DuBois. **Amphitheatre**
- Interesting families of fiction. Cornelia Packer. **Room 120**
- Ways of saving as you buy food. Alida Hotchkiss and Olga Brucher. **Room 121**
- Foundation garments for health and good looks. Mrs. Rosamund Wilson, Jackson, Michigan. Repeated Thursday at 9 a.m. and Friday at 11 a.m. **Room 215**
- The refinishing and use of old oak furniture. Repeated Friday at 10 a.m. Nancy M. Roman, assisted by a 4-H Club agent, a local leader, a club member, and a college student. **Room 327**
- What is wrong with your teeth? A. B. Dusingberre, D.Ds., Ithaca, New York. **Room 339**
- Food-preparation demonstration by a student, and a question period. Repeated daily at 11 a.m. **Room 361**
- Weaving and its place in the home. Repeated on subsequent days at 2 p.m. Donald Dunklee. **Room 3M13**
- Effective and inexpensive ways to light the home. Lecture-demonstration with discussion. Until 12.30 p.m. Helen G. McKinlay, General Electric, Nela Park, Cleveland, Ohio. **Room 408**

11.30 a.m. Panel forum. Who runs the country church? Until 1 p.m.

Bailey Auditorium

The Reverend K. A. Roadarmel, Genoa, New York, chairman; The Reverend Rolland Updyke, Cortland, New York; Mrs. Mary Heald Williamson, Trumansburg, New York; T. E. LaMont, Albion, New York; The Reverend A. J. Durbin, Groveland, New York; Mrs. Elizabeth Hazard, Union Springs, New York; Emlyn Griffith, Scipioville, New York; The Reverend Ellery Haskell, Spencer, New York; E. A. Frier, Jr., Newark Valley, New York.

12 m. Security on the farm. E. H. Thomson, President, Federal Land Bank, Springfield, Massachusetts. **Warren Hall Auditorium**

Home landscaping: Disease control in your garden. Round table. A. W. Dimock, in charge. **Plant Science 233**

Better potatoes through breeding. Lecture-demonstration. Repeated Friday at 10 a.m. J. R. Livermore. **Plant Science 146**

Dairy-barn ventilation. A. H. DeGolyer. **Dairy 119**

The farm freezer. Demonstration and conference. Repeated Thursday at 12 m. Mrs. H. E. Babcock, Mrs. W. D. McMillan, and Mrs. R. E. Seaburg, Ithaca, New York; and C. W. DuBois. **Wing Hall A**

Mowing-machine cutter-bar troubles. P. R. Hoff. **Agricultural Engineering East Laboratory**

Lectures in Martha Van Rensselaer Hall

Motion pictures. See bulletin boards on first floor for a list of films to be shown. **Auditorium**

State defense preparation for our children. Ruth Andrus, New York State Education Department, Albany. **Amphitheatre**

The family's use of credit today. Ann Aikin. **Room 121**

Making the most of the clothes you have. Repeated Friday at 10 a.m. Frances Brookins and students. **Room 215**

Food-preparation demonstration by a student, and a question period. Repeated daily at 12 m. **Room 426**

12.15 p.m. Luncheon for sheep breeders and lamb feeders. Until 2.30 p.m. **Memorial Room, Willard Straight Hall**

Dewitt C. Wing, Washington, D. C., toastmaster.

Speakers: L. O. Bond, Associate Conservationist, Trumansburg, New York; and E. S. Bayard, Editor-in-chief, *Pennsylvania Farmer*, Pittsburgh, Pennsylvania.

12.30 p.m. Consultation on home landscape problems. Bring plans of property, pictures if possible. Repeated on subsequent days at 12.30 p.m. D. J. Bushey. **Plant Science 29**

1 p.m. Motion pictures. **Bailey Auditorium**

Annual luncheon-business meeting of the New York Christian Rural Fellowship. **Barnes Hall**

The Cry-O-Vac method of wrapping turkeys and chickens. Demonstration. William T. Barker, Cambridge, Massachusetts. **Rice Hall 300**

Home landscaping: "The Home Place," a motion picture. Repeated on subsequent days at 1 p.m. R. C. Allen, in charge. **Plant Science 233**

- Fruit-growers trouble hour. W. D. Mills and J. A. Evans.
Plant Science 141
- Conference on home vegetable storage. Repeated daily at 1 p.m.
East Roberts 223

Lectures in Martha Van Rensselaer Hall

- Motion pictures. New York State Department of Health.
Amphitheatre
- City supervisors of home economics. Conference. Marion S. Van Liew, New York State Education Department, Albany.
Room 121
- County leaders of home-economics teachers. Conference. Dorothy S. Lawson, New York State Education Department, Albany.
Room 114
- Current publications on housing, including house planning and furnishings. Repeated on subsequent days at 12 m. Olive Chadeayne.
Room 3M14
- Food-preparation demonstration by a student, and a question period. Repeated daily at 1 p.m.
Room 361

- 2 p.m.** Food for victory. Symposium. Dean Carl E. Ladd, chairman.
Bailey Auditorium

- Food for strength and efficiency. G. Dorothy Williams, Executive Secretary, State Nutrition Committee, Albany, New York; and L. A. Maynard.
- Feed and farm supplies. J. A. McConnell, General Manager, G. L. F. Exchange, Ithaca, New York.
- Farm labor. C. C. DuMond, President, State Farm Bureau Federation, Ulster Park, New York.
- Farm prices and food supplies. W. I. Myers.
- Some successful farms in 1941. G. P. Scoville.

Warren Hall Auditorium

- Soil-erosion control in New York. Repeated Saturday at 11 a.m. A. F. Gustafson.
Caldwell 100

- State woodchopping contest.

Bacon Practice Cage, Schoellkopf Field

- Home landscaping: Planting for small properties. Until 4 p.m. Henry B. Raymore, Landscape Architect, Half Hollows, Huntington, Long Island, New York.
Plant Science 233

- Raising dairy calves and heifers. E. S. Savage. **Wing Hall A**
- Use of high-protein concentrates in feeding turkeys. E. I. Robertson. **Rice Hall 300**

- How farmers help to make and use land-class maps. T. N. Hurd.
Warren Hall 125

- Farm-credit round table. Until 4 p.m. V. B. Hart.
Warren Hall 201

- Spraying to control potato flea beetles. W. A. Rawlins.
Plant Science 143

- Treatment of seed corn. W. F. Crosier. **Plant Science 146**

- Problems of fur farmers. Discussion and conference. Until 4 p.m. S. E. Smith.
Wing Hall C

- Reshoeing the spring-tooth harrow. Eugene Layton.
Agricultural Engineering East Laboratory
- Inspection of the official Bang's disease laboratory, and blood-testing demonstrations. Until 4 p.m. Repeated on subsequent days at 2 p.m. W. M. Evans. **Moore Laboratory 103**
- Surgical treatment of disease. Demonstration. Repeated Friday at 3 p.m. A. G. Danks and F. O. Wright.
Large Animal Clinic

Lectures in Martha Van Rensselaer Hall

- Safeguarding family life today. Mrs. Blanche Hedrick Rafferty, Canton, Illinois. **Auditorium**
- Low-cost meats. Until 4 p.m. Representative from National Livestock and Meat Board, Chicago, Illinois. **Amphitheatre**
- Managing a hot lunch in the one-room rural school. Discussion. Mrs. Martha Bock, Newfield, New York, and Mrs. Helena Richardson and Frances Edwards, Ithaca, New York. **Room 121**
- What handicrafts should be in the United States. Mrs. Vanderbilt Webb, Handicraft Cooperative League of America, Inc., New York City. **Room 215**
- Canteen food service. Organizing, preparing, and serving simple meals to large groups. Katharine Harris and Marion Wood. Repeated Friday at 10 a.m. **Room 339**
- Food-preparation demonstration by a student, and a question period. Repeated daily at 2 p.m. **Room 426**
- 2.30 p.m.** Killing lambs. Demonstration. R. B. Hinman and C. D. Schutt. **Judging Pavilion**
- 3 p.m.** Forage-crop forum. Until 5 p.m. G. H. Serviss, chairman, and J. H. Barron. **Caldwell 100**
- Producing nitrogen with legumes. J. K. Wilson.
- Should farmers grow their own clover seed? R. G. Wiggans.
- Alfalfa yellowing, some causes and remedies. W. E. Colwell.
- Ladino clover. R. B. Child.
- Some new points in feeding dairy cows. F. B. Morrison.
Wing Hall A
- State land-use-committee plans for agriculture's part in defense. G. B. Robinson, Bureau of Agricultural Economics, United States Department of Agriculture, Ithaca, New York.
Warren Hall Auditorium
- Health and diseases of dogs and cats. Until 4.30 p.m. Repeated Friday at 3 p.m. Consultation with H. J. Milks, H. C. Stephenson, and G. H. Sheridan. Use east entrance, Garden Avenue.
Small Animal Clinic
- Milking machines: Sanitation and effect upon production and disease. Discussion and questions. Until 5 p.m. H. G. Hodges, Borden's Farm Products, New York City; A. C. Dahlberg, W. E. Ayres, and H. J. Brueckner. **Dairy 218**
- Melon and cucumber production. Until 5 p.m. **East Roberts 222**
- Breeding and varieties. W. D. Enzie, R. H. Bradley, and O. Shiffriss.
- Fertilizers. G. F. Warren, Jr.
- Insect control. G. E. R. Hervey.
- Disease control. G. L. McNew.

- New grape varieties. G. D. Oberle. **Plant Science 37**
- Strain difference as shown in the poultry-testing projects. R. C. Ogle. **Rice Hall 300**
- Annual business meeting of the New York State Turkey Association. Adam Vormwald, Tully, New York, presiding. **Rice Hall 305**
- Use of the grain combine. B. A. Jennings. **Agricultural Engineering East Laboratory**
- Corn for grain and silage. Lecture-demonstration. Repeated Friday at 3 p.m. W. D. Swope. **Plant Science 49**
- Progress in potato-disease investigation. F. M. Blodgett. **Plant Science 143**
- Filing your income-tax return. A. J. Hangas. **Warren Hall 125**
- External and internal parasites of sheep. Demonstration. D. W. Baker. **Autopsy Room, second floor, Moore Laboratory**
- Inspection of official Bang's disease laboratory, and blood-testing demonstrations. Continued, see 2 p.m. **Moore Laboratory 103**
- Home landscaping: Planting for small properties. Continued, see 2 p.m. **Plant Science 233**
- Farm-credit round table. Continued, see 2 p.m. **Warren Hall 201**
- Problems of fur farmers. Continued, see 2 p.m. **Wing Hall C**

Lectures in Martha Van Rensselaer Hall

- Adjusting home management to changing conditions. Helen Canon. **Auditorium**
- Low-cost meats. Continued, see 2 p.m. **Amphitheatre**
- Effective wardrobe planning. Clothes made and worn by students. Repeated Thursday at 3 p.m. Margaret Humphrey, Ruth Scott, and students. **Room 215**
- The vitamin-B family. Milicent Hathaway. **Room 339**
- A place to call home. Mrs. Leonard W. Jones, Citizens' City Planning and Housing Council, Rochester, New York. **Room 3M13**
- Food-preparation demonstration by a student, and a question period. Repeated daily at 3 p.m. **Room 361**
- 4 p.m. Our vanished rural handicrafts. Jared VanWagenen, Jr., Law-yersville, New York. **Warren Hall Auditorium**
- New stories of birds in Mexico. Illustrated. G. M. Sutton. **Plant Science 233**
- Reading poems and awarding prizes to rural-life-poetry contest winners. L. Pearl Gardner. **Roberts Assembly**
- Motion pictures. Significant developments in rural-church work. **Bailey Auditorium**
- Soybeans in industry and as human food. R. G. Wiggans and F. P. Bussell. **Plant Science 143**
- Adjustment of the grain combine. P. R. Hoff. **Agricultural Engineering East Laboratory**
- Soil characteristics of hill-top potato farms. F. B. Howe. **Plant Science 141**

Pruning to reduce harvesting cost. A. J. Heinicke. **Plant Science 37**

Caponizing poultry. Demonstration. H. E. Botsford. **Rice Hall 300**

Wool grades and grading. Demonstration. H. A. Willman assisted by G. L. Brown, Kenwood Mills, Albany, New York, and S. B. Whitaker, Penn Yan, New York. **Pavilion, Waite Farm**

Inspection of sheep barns, breeding flocks, and experimental work with sheep and lambs at the Waite Farm. J. P. Willman, in charge. Transportation provided for those without cars.

Starting point, first floor, Wing Hall

Dairy-herd demonstration and farmers' dairy-cattle-judging contest. Competition open only to Farm and Home Week visitors. E. S. Harrison and Paul Dean, in charge. **Judging Pavilion**

Consultations on poultry-disease problems. Repeated on subsequent days at 4 p.m. E. L. Brunett and M. S. Hofstad. **Moore Laboratory 111**

Health and diseases of dogs and cats. Continued, see 3 p.m. **Small Animal Clinic**

Melon and cucumber production. Continued, see 3 p.m. **East Roberts 222**

Forage-crop forum. Continued, see 3 p.m. **Caldwell 100**

Milking-machine sanitation. Continued, see 3 p.m. **Dairy 218**

Meat display: Quality lamb cuts. **Meat Cutting Rooms, Wing Hall**

Lectures in Martha Van Rensselaer Hall

Music books and music making. Illustrated by the a cappella choir Richard Gore, University Organist. **Auditorium**

Scandinavian farm and market scenes. Illustrated. Linnea Dennett. **Room 339**

5 p.m. War backgrounds in the Philippines, Malaya, and the Dutch East Indies. Bristow Adams. **Roberts Assembly**

Practice hour for recreation leaders. W. M. Smith, Jr., and G. T. Hudson. **Warren Hall 401**

Soils and forests, Alaska to Panama, in colored pictures. R. F. Chandler. **Caldwell 100**

Developing marshy areas for wild life. Illustrated. O. H. Hewitt. **Plant Science 233**

Community sing. Max Exner. **Auditorium, Martha Van Rensselaer Hall**

5.15 p.m. Annual business meeting of the Alumni Association of the New York State College of Agriculture. **North Room, Willard Straight Hall**

Evening

6.15 p.m. Alumni banquet. Informal reception and supper for all former regular, special, and winter-course students and for all members of the faculties of the Colleges of Agriculture and Home Economics. Tickets should be obtained at the Information Desk, Roberts Hall, and at Alumnae Headquarters, Room 145, Martha Van Rensselaer Hall before 12 m. on Wednesday.

Memorial Room, Willard Straight Hall

- 8 p.m. Home life of birds. Illustrated. A. A. Allen.
Auditorium, Martha Van Rensselaer Hall

State festival in dramatics. Presentation of rural community plays that have won recognition for excellence of selection and production. An admission will be charged to help defray the traveling expenses of the casts. University Theatre, Williard Straight Hall

THURSDAY, FEBRUARY 12

(All lectures and demonstrations begin on the-hour and continue for 45 minutes. Unless otherwise indicated, all speakers and demonstrators are members of the staff of Cornell University.)

- 8 a.m. Horseshoeing and blacksmithing consultation. Until 12 m. Repeated Friday morning. Eugene Layton.

Farm Practice Shop

- 9 a.m. Effect of the lend-lease program on New York farmers. E. E. Vial, Surplus Marketing Administration, United States Department of Agriculture, Washington, D. C.

Warren Hall Auditorium

Can a democracy develop a sense of responsibility to meet economic and political changes? Panel discussion. John W. Herring, New York State Education Department, Albany, leader.

Roberts Assembly

- Can a farmer afford to grow soybeans? R. G. Wiggans.
Plant Science 143

- New information on old hay plants. H. B. Hartwig.
Caldwell 100

- A beef enterprise on some New York farms. W. M. Curtiss.
Warren Hall 125

- The progeny test—an old friend with a new name. J. H. Bruckner.
Rice Hall 300

- Can we improve the nutritive qualities of milk? D. B. Hand.
Dairy 218

- The protein requirements of dairy cattle. E. S. Savage.
Wing Hall A

- Trends in vegetable packaging. Paul Work. East Roberts 222

- Home landscaping: Hardy fruit and nut trees for the small garden. L. H. MacDaniels.
Plant Science 233

- Factors affecting quality in fruits. R. M. Smock.
Plant Science 37

- Adjustment of horse-drawn plows. H. S. Pringle.
Agricultural Engineering East Laboratory

- The farm shop and its equipment. L. M. Roehl.
Agricultural Engineering West Laboratory

- Horseshoeing and blacksmithing consultation. Continued, see 8 a.m. Farm Practice Shop

- New information regarding fowl paralysis. C. W. Barber.
Moore Laboratory 106

Lectures in Martha Van Rensselaer Hall

- What a homemaker can do for defense. Mrs. Winthrop Pennock, Albany, New York. Auditorium

- Better service from the refrigerator. Illustrated. Elaine Knowles. **Amphitheatre**
 Personal adjustments in middle life. Helen Bull, M.D. **Room 121**
- Foundation garments for health and good looks. Repeated Friday at 11 a.m. Mrs. Rosamund Wilson, Jackson, Michigan. **Room 215**
- Food-preparation demonstration by a student, and a question period. Repeated Friday at 9 a.m. **Room 361**
- Color and its uses. Illustrated. Virginia True. **Room 317**
- 10 a.m. The agricultural situation. F. A. Pearson. **Warren Hall 125**
 Limiting health-department supervision to milk sources actually required for the city's needs. Sol Pincus, Deputy Commissioner, New York City Department of Health. **Dairy 218**
 Home landscaping: Unusual flowers for attractive gardens. Rex D. Pearce, Old Orchard Garden, Moorestown, New Jersey. **Plant Science 233**
 Packaging potatoes profitably. P. J. Findlen. **Warren Hall Auditorium**
 Short cuts in operating a commercial egg farm. H. E. Botsford. **Rice Hall 300**
 Management of the sugar bush. J. D. Pond. **Fernow 122**
 Rural Education conference. See page 42. **Roberts Assembly**
 Hay and pasture improvement at the Mount Pleasant Grazing Area. E. S. Harrison. **Wing Hall A**
 Reading electric meters and calculating monthly bills. F. B. Wright. **Warren Hall 225**
 Farming to increase soil productivity and to save labor. E. Van Alstine and R. B. Child. **Caldwell 100**
 Small grains. Lecture-demonstration. Repeated Friday at 11 a.m. H. H. Love. **Plant Science 146**
 Oil sprays and emulsions for fruit-tree leaf-roller control. P. J. Chapman. **Plant Science 37**
 Suggestions on vegetable-plant growing. **East Roberts 222**
 Plant-house management. R. D. Sweet.
 Disease control methods. A. G. Newhall.
 How to make durable concrete. J. C. McCurdy. **Dairy 119**
 Adjustment of tractor plows. P. R. Hoff. **Agricultural Engineering East Laboratory**
 Horseshoeing and blacksmithing consultation. Continued, see 8 a.m. **Farm Practice Shop**
 How we digest our food. Illustrated with motion pictures. J. A. Dye. **Moore Laboratory 106**
 Poultry post-mortems. Demonstration. Until 12 m. Repeated Friday at 10 a.m. E. L. Brunett and M. S. Hofstad. **Moore Laboratory 112**

Lectures in Martha Van Rensselaer Hall

- Is there a rural-housing problem? Edward Weinfeld, State Commissioner of Housing, New York City. **Auditorium**

- Modern canning equipment. Followed by a clinic for testing gauges, in room 358. D. E. Hall, Barrington, Illinois. **Amphitheatre**
- An artist looks at the graphic arts in children's books. Robert McCloskey, New York City. **Room 120**
- Managing in the home to gain time for outside work. Delpha Weisendanger. **Room 121**
- The effect of environment upon the skin of rural dwellers. A. G. Gould, M.D. **Room 215**
- Food records for a family of seven. Repeated Friday at 11 a.m. Mrs. Raymond DuBois, Gardinier, New York. **Room 339**
- Food-preparation demonstration by a student, and a question period. Repeated Friday at 10 a.m. **Room 426**
- 11 a.m.** Kernels, screenings, and chaff. H. E. Babcock, Director, G. L. F. School of Cooperative Administration, Ithaca, New York. **Warren Hall Auditorium**
- Practical dairy-herd management. Paul Jackson, Manager, Breezy Hill Farm, Madisonville, Ohio. **Wing Hall A**
- Effect of defense activities on milk producers and health departments. W. D. Tiedeman, Chief, Bureau of Milk Sanitation, State Department of Health, Albany, New York. **Dairy 218**
- "Food for freedom" and the poultry industry. J. W. Kinghorne, Surplus Marketing Division, United States Department of Agriculture, Washington, D. C. **Rice Hall 300**
- Farm-forest management. Illustrated: C. R. Lockard, Northeastern Forest Experiment Station, Cooperstown, New York. **Fernow 122**
- Pastures and the war. Lecture and discussion. Illustrated. D. B. Johnstone-Wallace. **Caldwell 100**
- Home landscaping: Roses. Robert Pyle, The Conard-Pyle Company, West Grove, Pennsylvania. **Plant Science 233**
- Maintaining yields of vegetables without manure. R. H. White-Stevens. **East Roberts 222**
- Codling-moth control in western New York. S. W. Harman. **Plant Science 37**
- Breeding better potatoes. J. R. Livermore. **Plant Science 143**
- Rural-music round table. Max Exner. **Warren Hall 340**
- Plow troubles. B. A. Jennings. **Agricultural Engineering East Laboratory**
- School camps. See Rural Education conference, page 42. **Roberts Assembly**
- Horseshoeing and blacksmithing consultation. Continued, see 8 a.m. **Farm Practice Shop**
- Poultry post-mortems. Demonstration. Continued, see 10 a.m. **Moore Laboratory 112**
- A place to eat box lunches is provided between 12 m. and 1 p.m. in the northeast corner of Barton Hall. Use east entrance. Only coffee and milk are sold.

Lectures in Martha Van Rensselaer Hall

Nutrition from the ground up. Symposium on the effect of nutrition on plants, animals, and human beings. Until 12.30 p.m.
Richard Bradfield, L. A. Maynard, and Hazel Hauck.

Auditorium

Modern canning equipment. Continued, see 10 a.m.

Amphitheatre

Bird lore and bird books. Illustrated. G. M. Sutton.

Room 120

From fabric to frock. Repeated Friday at 12 m. Helen P. Smith.

Room 215

The making and use of hand-woven rugs. Nancy M. Roman, assisted by a 4-H Club agent, a local leader, a club member, and a college student.

Room 327

How the public-health nurse protects the rural home. M. Evelyn Donnelly, District State Supervising Nurse, Ithaca, New York.

Room 339

Food-preparation demonstration by a student, and a question period. Repeated Friday at 11 a.m.

Room 361**12 m.**

Farmers' milk marketing problems—are they becoming simpler or more complex? F. H. Sexauer, President, Dairymen's League Cooperative Association, Inc., New York City.

Warren Hall Auditorium

World news and demonstration broadcast. WHCU and Cornell Radio Guild.

Bailey Auditorium

The farm freezer. Demonstration and conference. Mrs. H. E. Babcock, Mrs. W. D. McMillan, and Mrs. R. E. Seaburg, Ithaca, New York; and C. W. DuBois.

Wing Hall A

What farmers should know about local defense programs. R. A. Polson.

Warren Hall 225

Activities of a centralized rural school. Motion pictures. E. A. Frier, Jr., Newark Valley, New York.

Roberts Assembly

Milk-products round table: Bacterial counts, flavors, cream line, pasteurization, buttermaking, sour cream, and cottage cheese. Staff members of the department of dairy industry

Dairy 218

Stable construction for health and comfort. A. H. DeGolyer.

Wing Hall C

Home landscaping: Insect-pest control in your garden. Round table. W. E. Blauvelt, in charge.

Plant Science 233*Lectures in Martha Van Rensselaer Hall*

Nutrition from the ground up. Continued, see 11 a.m.

Auditorium

Our family management with three small children. Willis, Ithaca, New York.

Mrs. George Room 121

Judging the fabrics you buy. Virginia Jones.

Room 215

Current publications on housing, including house planning and furnishings. Repeated Friday at 12 m. Olive Chadeayne.

Room 3M14

- Food-preparation demonstration by a student, and a question period.
Repeated Friday at 12 m. **Room 426**
- 12.30 p.m. Consultation on home landscape problems. Bring plans of property, pictures if possible. Repeated Friday at 12.30 p.m. D. J. Bushey.
Plant Science 29
- 1 p.m. Motion pictures. **Bailey Auditorium**
Fruit-growers trouble hour. W. D. Mills and J. A. Evans.
Plant Science 141
- Business meeting of the New York State Poultry Council. W. S. Mapes, Middletown, New York, presiding. **Rice Hall 305**
- Home landscaping: "The Home Place," a motion picture. Repeated Friday at 1 p.m. R. C. Allen, in charge. **Plant Science 233**
- Conference on home vegetable storage. Repeated Friday at 1 p.m. **East Roberts 223**
- Getting your money's worth out of the home vegetable garden. Hans Platenius. **East Roberts 222**

Lectures in Martha Van Rensselaer Hall

- Motion pictures. New York State Department of Health. **Amphitheatre**
- Food-preparation demonstration by a student, and a question period. Repeated Friday at 1 p.m. **Room 361**
- 1.30 p.m. Students' livestock show. Beef cattle, dairy cattle, horses, sheep, and swine. Prizes are awarded to students in Cornell University who exhibit superior skill in fitting animals and in showmanship. Until 5 p.m. Round-Up Club, in charge. **Judging Pavilion**
Judges: Beef cattle and horses, J. M. Vial, University of Maryland, College Park, Maryland. Dairy cattle, Paul Jackson, Manager, Breezy Hill Farm, Madisonville, Ohio. Sheep, John A. Dunn, Cobleskill, New York. Swine, Joseph P. King, Canton, New York.
- 2 p.m. Civilian preparedness in a national crisis. Mrs. Franklin D. Roosevelt, Washington, D. C.
Introduction: Dr. Edmund E. Day, President of the University. **Bailey Auditorium**
- Radio reception of the addresses being given in Bailey Auditorium as broadcast by the University Radio Station WHCU, may be heard in Warren Hall Auditorium, Roberts Assembly, and WHCU Campus Studio.
- Farming in Mexico. Richard Bradfield. **Caldwell 100**
- Producer-distributor round table. Until 4 p.m. M. C. Bond, chairman. **Warren Hall 201**
- Factors that control quality. H. J. Brueckner.
Sanitary regulations. W. D. Tiedeman, New York State Department of Health, Albany.
- Milk-control regulations. L. L. Clough, New York State Department of Agriculture and Markets, Albany.
- Factors affecting efficiency of distribution. R. H. Anderson.
Business pointers by a producer-dealer. E. D. Merrill, Webster, New York.
- Poultry forum. The feed situation and the national emergency. Until 4.30 p.m. E. Y. Smith, presiding. Supplies of grains, protein concentrates, vitamin carriers, prices, costs, and the general price level. G. F. Heuser, L. C. Norris, E. I. Robertson, and others. **Rice Hall 300**

New products from maple sirup. C. J. Tressler.
Forestry Club Room, third floor, Fernow Hall

Home landscaping: Flower arrangements in the home. Until 4 p.m.
 Anne Wertsner, Horticultural Society, Philadelphia, Pennsylvania.
Plant Science 233

Consumer demand for eggs and poultry. W. E. Black.
Warren Hall 125

School camps. See Rural Education conference, page 42.
Roberts 392

Types of hay balers. Until 4 p.m. B. A. Jennings assisted by
 company representatives.
Agricultural Engineering East Laboratory

Field trip to the McGowan woodlot to observe improvement cuttings.
 A. B. Recknagel, in charge. **Starting point, Fernow Hall**

Animal parasites. Round table. Until 4 p.m. D. W. Baker.
Moore Laboratory 106

Inspection of the official Bang's disease laboratory, and blood-testing
 demonstrations. Until 4 p.m. Repeated Friday at 2 p.m.
 W. M. Evans. **Moore Laboratory 103**

Mastitis. Lecture-demonstration. Repeated at 3 p.m. S. D.
 Johnson and Jean Ferguson. Use east entrance, Garden Ave-
 nue. **Veterinary Medical Building**

Lectures in Martha Van Rensselaer Hall

Weaving and its place in the home. Repeated Friday at 2 p.m.
 Donald Dunklee. **Room 3M13**

Food-preparation demonstration by a student, and a question period.
 Repeated Friday at 2 p.m. **Room 426**

3 p.m. Farm-management adjustments in the present situation. S. W.
 Warren. **Warren Hall Auditorium**

Soil conservation. Forum. Until 5 p.m. A. F. Gustafson,
 chairman. **Caldwell 100**
 Where erosion occurs. J. S. Andrews.
 Soil conservation developments in New York. I. B. Stafford,
 State Coordinator, United States Soil Conservation Service,
 Ithaca, New York.

Early season sprays, with emphasis on bud-moth and aphid control.
 F. Z. Hartzel. **Plant Science 37**

Growing peas. Until 5 p.m. **East Roberts 222**
 Varieties. W. D. Enzie.
 Culture. C. B. Raymond.
 Seed treatment and diseases. G. L. McNew.
 Insects. Hugh Glasgow.

Farmers plan for the future through county land-use-planning com-
 mittees. S. R. Shapley. **Warren Hall 125**

Potato storages. A. H. DeGolyer. **Plant Science 143**

Corn and soybeans. Lecture-demonstration. R. G. Wiggans.
Plant Science 49

- Increased profits for the milk-plant operator. H. E. Ross.
Dairy 119
- School camps. See Rural Education conference, page 42.
Roberts 392
- Students' livestock show. Continued, see 1.30 p.m.
Judging Pavilion
- Forestry round table. J. D. Pond, in charge.
Forestry Club Room, third floor, Fernow Hall
- Producer-distributor round table. Continued, see 2 p.m.
Warren Hall 201
- Home landscaping: Flower arrangements in the home. Continued,
see 2 p.m.
Plant Science 233
- Poultry forum. Continued, see 2 p.m.
Rice Hall 300
- Types of hay balers. Continued, see 2 p.m.
Agricultural Engineering East Laboratory
- Post-mortems on farm animals. Demonstration. C. W. Barber
and M. D. Reed. Use east entrance.
Autopsy Room, second floor, Moore Laboratory
- Inspection of the official Bang's disease laboratory, and blood-
testing demonstrations. Continued, see 2 p.m.
Moore Laboratory 103
- Animal parasites. Round table. Continued, see 2 p.m.
Moore Laboratory 106
- Mastitis. Lecture-demonstration. S. D. Johnson and Jean
Ferguson. Use east entrance, Garden Avenue.
Veterinary Medical Building

Lectures in Martha Van Rensselaer Hall

- Milestones in American furniture, its construction and finish. Re-
peated Friday at 9 a.m. Walter Vogel, Rochester, New York.
Auditorium
- Uses of enriched flour. Demonstration. Until 5 p.m. Lucille
Brewer, G. L. F. Exchange, Ithaca, New York. **Amphitheatre**
- Experimenting in our family management. Repeated Friday at
10 a.m. Mrs. Lloyd D. Wyant, Castile, New York. **Room 121**
- Effective wardrobe planning. Clothes made and worn by students.
Margaret Humphrey, Ruth Scott, and students. **Room 215**
- The new yardstick for measuring nutrition. Olga Brucher.
Room 339
- Food-preparation demonstration by a student, and a question period.
Repeated Friday at 3 p.m. **Room 361**
- 4 p.m. Hidden history on New York farms. Dean Carl E. Ladd.
Warren Hall Auditorium
- Life in old China. Illustrated in color. P. R. Abbott, Ithaca,
New York. **Roberts Assembly**
- American bird studies before Audubon. Illustrated. Elsa G.
Allen, Ithaca, New York. **Plant Science 233**

"Blossom Forth the Fruit", a colored motion picture devoted to the control of insects and disease and other orchard operation. J. A. Evans. **Plant Science 37**

What can we learn from the examination of unhatched eggs? Discussion. A. L. Romanoff, in charge. **Rice Hall 305**

Poultry forum. Continued, see 2 p.m. **Rice Hall 300**

The electric-fence situation. H. W. Riley. **Dairy 218**

Annual meeting of the New York State Cooperative Bull Association. **Wing Hall E**

Students' livestock show. Continued, see 1.30 p.m. **Judging Pavilion**

How to camp comfortably. J. D. Pond. **Roberts 392**

Soil-conservation forum. Continued, see 3 p.m. **Caldwell 100**

Growing peas. Continued, see 3 p.m. **East Roberts 222**

Meat display: Cuts of quality meats. **Meat Cutting Rooms, Wing Hall**

Killing and dressing poultry. Demonstration. L. M. Hurd. **Rice Hall Basement**

Annual business meeting of the New York State Producer to Consumer Association, Inc. E. D. Merrill, Webster, New York, presiding. **Warren Hall 201**

Consultations on poultry-disease problems. Repeated Friday at 4 p.m. E. L. Brunett and M. S. Hofstad. **Moore Laboratory 111**

Lectures in Martha Van Rensselaer Hall

Book symposium. Mrs. Alison Kingsbury Bishop, Ithaca, New York, chairman. **Auditorium**

Importance of library service and books in a national crisis.

The Right Honorable Margaret Bondfield, Privy Councilor and former Minister of Labour of Great Britain, Cuttiversdoor, Ridgeway, Southborough, England.

Some books of Australia. Mary Cecil Allen, author and artist, Melbourne, Australia.

Books on our stirring times. Philip E. Mosely.

Uses of enriched flour. Demonstration. Continued, see 3 p.m. **Amphitheatre**

What Europe had to eat and what she now has. Illustrated. Mrs. Laura Lee Smith, Ithaca, New York. **Room 339**

5 p.m. Organ recital. Richard Gore, University Organist. **Sage Chapel**

Some problems with wild birds. Illustrated. A. A. Allen, E. P. Edwards, J. S. Y. Hoyt, William Montagna, J. F. Wanamaker, and W. A. Wimsatt. **Plant Science 233**

Practice hour for recreation leaders. W. M. Smith, Jr., and G. T. Hudson. **Warren Hall 401**

Community sing. Max Exner. **Auditorium, Martha Van Rensselaer Hall**

Evening

The annual Master Farmer banquet is being recessed one year because of the war.

- 7.45 p.m. New York State plays. Recently written and of special interest to rural communities and amateur dramatic clubs. An admission is charged to help defray expenses.

University Theatre, Willard Straight Hall

- 8 p.m. Eastman Stage contest. Thirty-third annual speaking contest for prizes of \$100 and \$25 given by A. R. Eastman. Music by the Cornell Symphonic Band. Wendell Margrave, conductor.

Bailey Auditorium

Round-Up Club meeting. Presentation of awards to winners in the students' livestock show. A cordial invitation is extended to all Farm and Home Week visitors to attend this meeting.

Wing Hall A

FRIDAY, FEBRUARY 13

(All lectures and demonstrations begin on the hour and continue for 45 minutes. Unless otherwise indicated, all speakers and demonstrators are members of the staff of Cornell University.)

- 8 a.m. Horseshoeing and blacksmithing consultation. Until 12 m.
Eugene Layton. Farm Practice Shop

- 9 a.m. Adjusting agriculture to present economic conditions. V. B. Hart. Warren Hall Auditorium

Raising draft colts and fillies. G. W. Salisbury. Wing Hall A

How to preserve original quality of hatching and market eggs. A. L. Romanoff. Rice Hall 300

Growing asparagus for market and home use. H. C. Thompson. East Roberts 222

Nurserymen's conference. See page 42. Plant Science 233
New developments in seed storage and germination. L. G. Cox.

New developments in vegetative propagation. A. M. S. Pridham.

Berry varieties and their requirements for successful culture. L. J. Edgerton. Plant Science 37

Working your hillside land on the level by means of contour strip-cropping and diversion terraces. W. C. Huff and P. R. Hoff. Caldwell 100

Consumer demand for apples. W. E. Black. Warren Hall 125

Buttermaking. Demonstration and discussion. E. S. Guthrie. Dairy 119

Custom spray rigs. L. H. Mehlenbacher. Agricultural Engineering East Laboratory

Horseshoeing and blacksmithing consultation. Continued, see 8 a.m. Farm Practice Shop

Glandular deficiencies in domestic animals. Illustrated. C. E. Hayden. Moore Laboratory 106

Lectures in Martha Van Rensselaer Hall

Milestones in American furniture, its construction and finish. Walter Vogel, Rochester, New York. Auditorium

- Management in different families. Illustrated. Ella M. Cushman. **Amphitheatre**
- The Farm Security Administration builds family security. Marian L. Babcock, Ithaca, New York. **Room 121**
- Food for yourself and for your country. G. Dorothy Williams, Executive Secretary, State Nutrition Committee, Albany, New York. **Room 339**
- Food-preparation demonstration by a student, and a question period. **Room 361**
- 10 a.m. The work of the new division of commerce. M. P. Catherwood, Commissioner of Commerce, State of New York, Albany. **Warren Hall Auditorium**
- Producing hay in 1942 where seedings have failed. G. H. Serviss. **Caldwell 100**
- Practical horse management. J. M. Vial, University of Maryland, College Park, Maryland. **Wing Hall A**
- Helpful hints for pork producers. Round table. Until 12 m. J. L. Krider and J. P. Willman. **Wing Hall C**
- Source, quality, and supply of red kidney and other seed beans. E. V. Hardenburg. **East Roberts 222**
- What does the National Poultry Improvement Plan mean to New York farmers? W. S. Mapes, President, New York Poultry Improvement Cooperative, Inc., Middletown, New York. **Rice Hall 300**
- Care and culture of forest plantations. J. D. Pond. **Fernow 122**
- Selling apples through retail stores. D. B. Ferguson. **Warren Hall 125**
- Nurserymen's conference. See page 43. **Plant Science 233**
- Design of plant groups, present-day materials, and construction for small properties. J. P. Porter.
- Better potatoes through breeding. Lecture-demonstration. J. R. Livermore. **Plant Science 146**
- Disease control of grapes, raspberries, gooseberries, and currants. R. F. Suit. **Plant Science 37**
- Repairing spray rigs. C. N. Turner. **Agricultural Engineering East Laboratory**
- Fitting circular and cross-cut saws. L. M. Roehl. **Agricultural Engineering West Laboratory**
- Horseshoeing and blacksmithing consultation. Continued, see 8 a.m. **Farm Practice Shop**
- Poultry post-mortems. Demonstration. Until 12 m. E. L. Brunett and M. S. Hofstad. **Moore Laboratory 112**

Lectures in Martha Van Rensselaer Hall

- Can you tell me? Answering of questions received concerning books depicting the American scene in New York State. **Auditorium**
- Quiz experts: Frederic Melcher, Editor, *Publisher's Weekly* New York City, chairman; Carl Carmer, author, New York City; Ruth Sawyer Durand, author, Ithaca, New York; The Reverend Edward T. Horn, Lutheran Church, Ithaca, New York; Robert W. Vail, State Librarian, Albany, New York; Morris Bishop; and H. W. Thompson.

- Families farmed out by defense. Molly Flynn, Farm Security Administration, Washington, D. C. **Amphitheatre**
- Experimenting in our family management. Mrs. Lloyd D. Wyant, Castile, New York. **Room 121**
- Making the most of the clothes you have. Frances Brookins and students. **Room 215**
- The refinishing and use of old oak furniture. Nancy M. Roman assisted by a 4-H Club agent, a local leader, a club member, and a college student. **Room 327**
- Canteen food service. Organizing, preparing, and serving simple meals to large groups. Katharine Harris and Marion Wood. **Room 339**
- Food-preparation demonstration by a student, and a question period. **Room 426**
- 11 a.m.** Food production in the war and post-war period. W. I. Myers. **Warren Hall Auditorium**
- More effective use of vegetable fertilizers. C. B. Sayre. **East Roberts 222**
- Quality of protein in livestock feeding. **Wing Hall A**
 Beef cattle, sheep, and swine. J. I. Miller.
 Dairy cattle. R. W. Bratton.
- Demonstration of landscape painting in oils. W. C. Baker. **Stone Hall 101**
- Hay, grain, pasture, and silage-crop diseases and insects. H. H. Whetzel and H. H. Schwardt. **Caldwell 100**
- Biological control for certain fruit insects. E. H. Smith. **Plant Science 37**
- Small grains. Lecture-demonstration. H. H. Love. **Plant Science 146**
- Nurserymen's conference. **Plant Science 233**
 Local hardiness of woody ornamentals. J. F. Cornman.
 Progress in the Cornell Arboretum. R. W. Curtis.
- Southern pines and southern farmers. E. L. Stone. **Fernow 122**
- The importance of iritis, or grey eyes, in the control of fowl paralysis. Demonstration. R. K. Cole and G. O. Hall. **Rice Hall 300**
- Cottage and other soft cheeses for farm and factory. W. E. Ayres. **Dairy 119**
- Students' horsemanship and decorating contest. Open to students who have fitted and shown horses in the students' livestock show. Round-Up Club, in charge. **Judging Pavilion**
- Adjustment of the grain combine. P. R. Hoff. **Agricultural Engineering East Laboratory**
- Helpful hints for pork producers. Continued, see 10 a.m. **Wing Hall C**
- Meat display: Cuts of quality pork. **Meat Cutting Rooms, Wing Hall**
- Horseshoeing and blacksmithing consultation. Continued, see 8 a.m. **Farm Practice Shop**
- Poultry post-mortems. Demonstration. Continued, see 10 a.m. **Moore Laboratory 112**

A place to eat box lunches is provided between 12 m. and 1 p.m. in the northeast corner of Barton Hall. Use east entrance. Only coffee and milk are sold.

Lectures in Martha Van Rensselaer Hall

The health of the family on the farm. Assemblyman Lee B. Mailer, chairman, Health Preparedness Committee, New York City.
Auditorium

New trends in cooking utensils. Lucy Maltby, Corning, New York.
Amphitheatre

Recent books on mental hygiene. Mark Entorf. **Room 120**

Managing the family food bill. Hazel Hauck and Barbara B. Kennedy
Room 121

Foundation garments for health and good looks. Mrs. Rosamund Wilson, Jackson, Michigan.
Room 215

Food records for a family of seven. Mrs. Raymond DuBois, Gardiner, New York.
Room 339

Food-preparation demonstration by a student, and a question period.
Room 361

Suggestions for improving old houses. Illustrated. Until 12.30 p.m. Grace Morin.
Room 317

12 m. Fundamentals for a sound agricultural cooperative program. George Lamb, President, Springfield Bank of Cooperatives, Springfield, Massachusetts.
Warren Hall Auditorium

Repairing farm machinery. C. N. Turner.
Agricultural Engineering East Laboratory

Reducing the cost of milk distribution in upstate cities. R. H. Anderson.
Warren Hall 125

Potato production for the small grower. Illustrated in color. A. J. Pratt.
East Roberts 222

The hop growers' problems in New York. J. D. Harlan.
Caldwell 100

Lectures in Martha Van Rensselaer Hall

Motion pictures. See bulletin boards on first floor for a list of films to be shown.
Auditorium

Symptoms of cancer. Louis C. Kress, M.D., New York State Department of Health, Albany.
Amphitheatre

From fabric to frock. Helen P. Smith.
Room 215

Current publications on housing, including house planning and furnishings. Olive Chadeayne.
Room 3M14

Food-preparation demonstration by a student, and a question period.
Room 426

12.15 p.m. Luncheon for New York State horse breeders and owners. Recent developments in feeding horses. F. B. Morrison.
Dining Room D, Willard Straight Hall

12.30 p.m. Consultation on home landscape problems. Bring plans of property, pictures if possible. D. J. Bushey.
Plant Science 29

1 p.m. Motion pictures.
Bailey Auditorium

- A 50-by-50-foot vegetable garden. Paul Work. **East Roberts 222**
- Fruit-growers trouble hour. W. D. Mills and J. A. Evans. **Plant Science 141**
- Home landscaping: "The Home Place," a motion picture. R. C. Allen, in charge. **Plant Science 233**
- Conference on home vegetable storage. **East Roberts 223**
- Killing hogs. Demonstration. R. B. Hinman and C. D. Schutt. **Judging Pavilion**

Lectures in Martha Van Rensselaer Hall

- Motion pictures. New York State Department of Health. **Amphitheatre**
- Food-preparation demonstration by a student, and a question period. **Room 361**

- 2 p.m. Civilian-defense rally. **Bailey Auditorium**
- Military salute and courtesy for the Governor of the State of New York.
- Music by the Cornell R. O. T. C. Band.
- Patriotic songs, led by Paul Weaver.
- Address. The Honorable Herbert H. Lehman, Governor of the State of New York, Albany.
- Annual meeting of the New York State Draft Horse Club. Awarding of the achievement cup. Morton Adams, Sodus, New York, presiding. **Wing Hall A**
- Meeting of the New York State Swine Growers Association. L. F. Wiley, Victor, New York, presiding. **Wing Hall C**
- Bang's disease round table. Until 4 p.m. R. R. Birch, H. L. Gilman, and W. S. Stone. **Moore Laboratory 101**
- Inspection of official Bang's disease laboratory, and blood-testing demonstrations. Until 4 p.m. W. M. Evans. **Moore Laboratory 103**

Lectures in Martha Van Rensselaer Hall

- Weaving and its place in the home. Donald Dunklee. **Room 3M13**
- Food-preparation demonstration by a student, and a question period. **Room 426**
- 3 p.m. Factors in a fair price for milk. Leland Spencer. **Warren Hall Auditorium**
- High points in agronomy and their relation to the present emergency. Richard Bradfield. **Caldwell 100**
- Growing tomatoes. Until 5 p.m. **East Roberts 222**
- Varieties. W. T. Tapley.
- Fertilizers. C. B. Sayre and H. C. Thompson.
- Disease control. G. L. McNew.
- What's new in poultry nutrition? L. C. Norris. **Rice Hall 300**
- Corn for grain and silage. Lecture-demonstration. R. G. Wiggans. **Plant Science 49**
- Spraying grapes to control grape berry moth and leaf hopper. E. F. Taschenberg. **Plant Science 37**

Inspection of the swine barn, the hog-lot equipment, breeding herds, and pig-feeding experiments at the Waite Farm. J. P. Willman, in charge. Transportation provided for those without cars.

Starting point, first floor, Wing Hall

Surgical treatment of disease. Demonstration. A. G. Danks and F. O. Wright. **Large Animal Clinic**

Bang's disease round table. Continued, see 2 p.m.

Moore Laboratory 101

Inspection of official Bang's disease laboratory, and blood-testing demonstrations. Continued, see 2 p.m. **Moore Laboratory 103**

Health and disease of dogs and cats. Until 4.30 p.m. Consultation with H. J. Milks, H. C. Stephenson, and G. H. Sheridan. Use east entrance, Garden Avenue. **Small Animal Clinic**

Lectures in Martha Van Rensselaer Hall

Motion pictures. See bulletin boards on first floor for a list of films to be shown. **Auditorium**

Are your clothes making the most of you? Pauline W. Fuller. **Room 215**

Food-preparation demonstration by a student, and a question period. **Room 361**

4 p.m. Where do we go from here? E. R. Eastman, Editor, *American Agriculturist*, Ithaca, New York. **Warren Hall Auditorium**

Louis Agassiz Fuertes and other bird artists. Illustrated. G. M. Sutton. **Plant Science 233**

"The Formation of the Egg" and "Where Chick Life Begins." Motion pictures with sound and natural color. A. L. Romanoff. **Rice Hall 300**

"Green Acres"—pastures in motion pictures. **Caldwell 100**

Control of insects common to small fruits. F. G. Mundinger. **Plant Science 37**

Growing tomatoes. Continued, see 3 p.m. **East Roberts 222**

Conferences: Staff members of the poultry department will be available for individual conferences as follows:

Breeding. **Rice Hall 201**

Incubation. **Rice Hall 109**

Nutrition. **Rice Hall 303**

Management. **Rice Hall 101**

Consultations on poultry-disease problems. E. L. Brunett and M. S. Hofstad. **Moore Laboratory 111**

Health and diseases of dogs and cats. Continued, see 3 p.m. **Small Animal Clinic**

5 p.m. Birds of America. Illustrated. A. A. Allen. **Plant Science 233**

Practice hour for recreation leaders. W. M. Smith, Jr. and G. T. Hudson. **Warren Hall 401**

Community sing. Max Exner. **Auditorium, Martha Van Rensselaer Hall**

Evening

8 p.m. Concert by Cornell University Orchestra. Ronald Ingalls, Conductor. **Bailey Auditorium**

SATURDAY, FEBRUARY 14

(All lectures and demonstrations begin on the hour and continue for 45 minutes. Unless otherwise indicated, all speakers and demonstrators are members of the staff of Cornell University.)

- | | | | |
|---------|--|------------------|-------------------------------|
| 9 a.m. | What makes a dairy farm pay? | I. R. Bierly. | Warren Hall Auditorium |
| 10 a.m. | Milk prices in the first World War. | H. R. Kling. | Warren Hall Auditorium |
| | Making the home vegetable garden a source of fun and funds for the children. | G. J. Raleigh. | East Roberts 222 |
| 11 a.m. | Soil-erosion control in New York. | A. F. Gustafson. | Caldwell 100 |

CONFERENCES

ALUMNI ASSOCIATION OF THE NEW YORK STATE COLLEGE OF AGRICULTURE

President—DON J. WICKHAM, '24, Hector, New York
Vice-President—E. H. THOMSON, '09, Springfield, Massachusetts
Vice-President—M. B. GALBREATH, '26, Morrisville, New York
Vice-President—H. J. EVANS, SR., '17, Georgetown, New York
Secretary-Treasurer—A. W. GIBSON, '17, Ithaca, New York

WEDNESDAY, FEBRUARY 11

- 5.15 p.m. Annual business meeting. **North Room, Willard Straight Hall**
- 6.15 p.m. Informal reception and supper for all former, regular, special, and winter-course students and for members of the faculties of the Colleges of Agriculture and Home Economics. Tickets may be obtained either at the Information Desk, Roberts Hall, or at the Alumnae Headquarters, Room 145, Martha Van Rensselaer Hall before 12 o'clock on February 11.
Memorial Room, Willard Straight Hall

ALUMNAE ASSOCIATION OF THE NEW YORK STATE COLLEGE OF HOME ECONOMICS

President—JEANNETTE GARDINER POWELL, '26
Vice-President—DOROTHY FESSENDEN SAYLES, '25
Secretary—BARBARA PRATT SMILEY, '37
Assistant Secretary—EMMA CURTIS ELLIOTT, '37
Treasurer—LOIS PURDY SHAFER, '34
Chairman Scholarship Committee—KATHARINE HARRIS, '22
Nominating Committee—ESTHER YOUNG WARREN, '29
NAN ROGERS WILLMAN, '24
STELLA GOULD FALES, '35

WEDNESDAY, FEBRUARY 11

Note: Alumnae headquarters for graduates and former students of the College of Home Economics is in Room 145, Martha Van Rensselaer Hall. All alumnae are requested to register there. Class notes are available. Alumnae are welcome all day every day during the week. Barbara Pratt Smiley, '37, is in charge of the room.

- 3 to 5 p.m. Tea for alumnae and faculty of the New York State College of Home Economics. Tickets must be obtained in advance from the alumnae headquarters in Room 145 before 1 p.m., Wednesday, February 11. Dorothy Fessenden Sayles, '25, chairman of the tea.
Faculty Lounge
- 6.15 p.m. Informal reception and supper for all former, regular, special, and winter-course students and for members of the faculties of the Colleges of Agriculture and Home Economics. Tickets may be obtained either at the Information Desk, Roberts Hall, or at the Alumnae Headquarters, Room 145, Martha Van Rensselaer Hall before 12 o'clock on February 11.
Memorial Room, Willard Straight Hall

MID-WINTER MEETING FOR THE NEW YORK STATE ASSOCIATION OF FUTURE FARMERS OF AMERICA

(Open to all rural youth)

R. A. Olney, in charge

MONDAY, FEBRUARY 9

- 8 a.m. Secretary headquarters. Registration and sale of banquet tickets.
Richard Call, State Secretary, Canisteo, New York, J. E. Manchester and Arthur E. Masters, students, in charge.
First Floor, Stone Hall
- 8.30 a.m. Judging contests. R. D. Redmond, general chairman. (See page 3.)
Future Farmers of America Officers and Advisory Committee meeting. W. J. Weaver, Albany, New York, and S. O. Salmon, Endicott, New York.
Roberts 392
- 9 a.m. to 12 m. Demonstration contests by schools. R. A. Olney, in charge.
Plant Science 143
General lectures as announced in program. See pages 3 to 5.
- 10 a.m. to 12 m. Leadership training for delegates and members. State officers and advisory board, in charge.
Roberts Assembly
- 10 a.m. Future Farmers of America Glee Club. J. W. Hatch, Buffalo, New York, in charge. **Rehearsal Room, Willard Straight Hall**
- 12.30 p.m. Radio-broadcasting contest. **Campus Studio WHCU**
- 1 p.m. Judging contests. See page 5.
- 2 p.m. Future Farmers of America Glee Club. J. W. Hatch, Buffalo, New York, in charge. **Rehearsal Room, Willard Straight Hall**
Meeting of the Executive Committee of the Teachers of Vocational Agriculture. E. F. Nohle, President, Wolcott, New York, in charge.
Roberts 492
- 3.30 p.m. Campus tours. Arthur Lisack and Frank Goll, students, in charge.
Starting point, in front of Roberts Hall
- 5.30 p.m. Annual banquet for delegates, members, and contestants. David Hovey, State President, Painted Post, New York, toastmaster. Reservations must be made before 11 a.m. with Richard Call, State Secretary; first floor, Stone Hall.
Memorial Room, Willard Straight Hall
- 8 p.m. Future Farmers of America amateur night. Cleon Barber, President, Cornell Collegiate Chapter, presiding, assisted by R. E. Dague and teachers of agriculture. **Bailey Auditorium**

TUESDAY, FEBRUARY 10

- 8.30 a.m. Farm-shop skills contest. See page 7.
Educational review of judging contests. See page 7.
- 10 a.m. Future Farmers of America Glee Club. J. W. Hatch, Buffalo, New York, in charge. **Rehearsal Room, Willard Straight Hall**
Educational review of judging contests. See page 9.

The fifteenth mid-winter meeting of the New York State Association of Future Farmers of America. David Hovey, State President, Painted Post, New York, presiding. Reports and business.
Bailey Auditorium

- 12.30 p.m. Radio-broadcasting contest. **Campus Studio WHCU**
 2 p.m. Address. **Bailey Auditorium**
 3 p.m. Presentation of awards. Cornell Collegiate Chapter, in charge.
Bailey Auditorium

RURAL EDUCATION CONFERENCE

THURSDAY, FEBRUARY 12

Adult section

- 9 a.m. Can a democracy develop a sense of responsibility to meet economic and political changes? Panel discussion. Until 10.30 a.m. John W. Herring, New York State Education Department, Albany, leader. **Roberts Assembly**
 10.30 a.m. Teachers for jobs and jobs for teachers. Lewis Eldred.
Roberts Assembly

School camps

- 11 a.m. Layman interest and assistance in school camps. Dorothy Frooks, Women's World War Veterans, New York City.
Roberts Assembly
 11.30 a.m. Legislative problems associated with school camps. Bailey Young, Research Assistant, New York State Senate, Albany.
Roberts Assembly
 12 m. Activities of a centralized rural school. Motion pictures. E. A. Frier, Jr., Newark Valley, New York. **Roberts Assembly**
 2 p.m. What the school-camp program should do for the State. Lloyd B. Sharp, Director, *Life Camps*, New York City.
Roberts 392
 Discussion:
 4-H Clubs. Albert Hoefer.
 Future Farmers of America. Harold Noakes, Moravia, New York.
 3 p.m. The school-camp program and children's mental development as seen by district superintendents. A. J. Tyler, Cazenovia, New York; Maurice Hammond, Catskill, New York; and R. T. Sant, Cato, New York.
Roberts 392
 4 p.m. How to camp comfortably. J. D. Pond **Roberts 392**

CONFERENCE OF NURSERYMEN OF NEW YORK STATE

FRIDAY, FEBRUARY 13

All lectures in Plant Science 233

- 8.30 a.m. Registration. **Plant Science 20**
 9 a.m. New developments in seed storage and germination. L. G. Cox.

- 9.30 a.m. New developments in vegetative propagation. A. M. S. Pridham.
- 10 a.m. Design of plant groups, and present-day materials, and construction for small properties. J. P. Porter.
- 11 a.m. Local hardness of woody ornamentals. J. F. Cornman.
- 11.30 a.m. Progress in the Cornell Arboretum. R. W. Curtis.
- 12 m. Luncheon. **Memorial Room, Willard Straight Hall**
- 1 p.m. Tour of departmental activities. L. H. MacDaniels.
- 5 p.m. Voting on landscape models and contest on plant identification. **Plant Science 29**
- 6.30 p.m. Dinner. **Terrace Room, Willard Straight Hall**
 Customer contacts. Charles E. Love, International Business Machines Corporation, Endicott, New York.
 Discussion of voting on landscape models.
 Summary of plant identification contest and question box.

SATURDAY, FEBRUARY 14

- 8 a.m. to 12 m. Discussion of individual problems with members of the department of floriculture and ornamental horticulture.

NEW YORK SEED IMPROVEMENT COOPERATIVE ASSOCIATION, INC.

President—BRUCE P. JONES, Hall, New York
 Secretary-Treasurer—ELIZABETH B. LYMAN, Ithaca, New York

TUESDAY, FEBRUARY 10

- 11 a.m. to 1 p.m. Business meeting. **Plant Science 141**

NEW YORK COOPERATIVE SEED POTATO ASSOCIATION, INC.

President—ALONZO G. ALLEN, Waterville, New York
 Vice-President—WALTER F. GARDNER, Tully, New York
 Secretary-Treasurer—HAROLD J. EVANS, Georgetown, New York

TUESDAY, FEBRUARY 10

- 9 to 11 a.m. Business meeting. **Plant Science 141**

THE NEW YORK STATE POULTRY COUNCIL

Chairman—W. S. MAPES, Middletown, New York
 Secretary-Treasurer—C. W. SADD, Ithaca, New York

THURSDAY, FEBRUARY 12

- 1 p.m. Business meeting and discussion of state-wide poultry problems. W. S. Mapes, presiding. **Rice Hall 305**

NEW YORK STATE TURKEY ASSOCIATION

President—ADAM VORMWALD, Tully, New York
 Vice-President—E. L. COONS, Gloversville, New York
 Secretary-Treasurer—MULFORD DEFORD, Duaneburg, New York

WEDNESDAY FEBRUARY 11

3 p.m. Annual business meeting. Adam Vormwald, presiding.
 Rice Hall 305

NEW YORK STATE PRODUCER TO CONSUMER ASSOCIATION, INC.

President—E. D. MERRILL, Webster, New York
 Treasurer—F. W. MOFFETT, JR.
 Executive Secretary—JOE S. TAYLOR, Buffalo, New York

THURSDAY, FEBRUARY 12

4 p.m. Annual business meeting. Warren Hall 201

RURAL LIFE POETRY CONTEST

What is it? An original poetry contest for the rural people of this state conducted by the New York State College of Agriculture as a part of Farm and Home Week.

Why is it? To create a greater appreciation of rural life and to give rural people a part in Farm and Home Week.

Judges: Russel Lord, Editor of *The Land*, Washington, D. C.; Bristow Adams, and H. W. Thompson.

Prizes: First, \$15; second, \$10; and third, \$5; in defense saving stamps.

Use of poems. In special exhibit; in radio broadcasts; in a possible permanent collection; and in Farm and Home Week meeting, Wednesday, February 11, at 4 p.m.

Broadcast. "The Llenrocs at Home on the Farm," WHCU, Fridays at 12.45 p.m.

Details. Poems must involve personal experience in rural life. They may be any length, and either in rhyme or blank verse. They must be legibly written, with name and address of writer. No copies will be returned. The deadline for entry is February 3, 1942.

Address. Rural Life Poetry Contest, College of Agriculture, Ithaca, New York.

CORNELL INDIAN BOARDS SIX NATIONS INDIAN AGRICULTURAL AND HOMEMAKERS SOCIETY

President—RUSSELL HILL, Tonowanda Reservation, Akron, New York

Vice-Presidents—ULYSSES JOHN, Allegany Reservation, Steamburg, New York

JOHN K. BUTTON, Cattaraugus Reservation, Versailles, New York

CHIEF ISAAC LYON, Onondaga Reservation, Nedrow, New York

HETZEL GARLOW, Tuscarora Reservation, Lewistown, New York

ORIN PATTERSON, Tonowanda Reservation, Akron, New York

Secretary—CHIEF WILLIAM H. ROCKWELL, Oneida Reservation, Oneida, New York

Treasurer—CHIEF ALEX WHITE, St. Regis Mohawk Reservation, Hogsburg, New York

Chairman, Homemakers' Boards—MRS. DAISIE P. SNYDER, Tonowanda Reservation, Basom, New York

Clerk, Homemakers' Boards—MRS. LORETTA JOHN, Allegany Reservation, Steamburg, New York

State Leaders, 4-H Boards—MR. and MRS. FRANKLIN P. DOCTOR, Tonowanda Reservation, Akron, New York

4-H Boards—Allegany: ULYSSES PRINTUP
Cattaraugus: W. DAVID OWL, MRS. SELINA KENNEDY
Tuscarora: NOAH HENRY, MRS. LOUISE KENNEDY
Onondaga: CHIEF CHAPMAN SCHENANDOAH
Oneida: BILLIE ROCKWELL, MRS. EMMA JOHNSON
St. Regis Mohawk: LINCOLN WHITE, MISS ANNA SWAMP

Members at large—WALTER KENNEDY, JONAS CROUSE, T. F. JAMIESON, THEODORE GORDON, HARRY PATTERSON, AMELIA HENRY, MELVON PATTERSON, HAMILTON MT. PLEASANT, MRS. WILLIAM BLUEYE, MRS. BERTHA SCHENANDOAH, CHIEF JESSE LYONS, MRS. MAY ROCKWELL, PETER LORRAINE, NORBERT HERON, ULYSSES PIERCE, and MRS. INEZ BLACKCHIEF GROUND.

Special program for Indian farmers, homemakers, and 4-H Club members. For lectures of interest to members during the week refer to the general program.

SPRAY-SERVICE-TROUBLE HOUR

Diseases and insect-pests cause plenty of trouble to the fruit grower every year. Much of the loss caused by them can be prevented by using the proper chemicals and applying them in the most effective manner. The growers are invited to present their problems to experts who will endeavor to give them the latest and most practical information that applies to their individual problems. Fruit growers in past years have found this hour of consultation helpful. No speeches are made. It is held each day, except Saturday, from 1 to 2 p.m. in Plant Science Building, room 141.

STUDENT EMPLOYMENT

The winter courses close with Farm and Home Week, and a few students in the regular course in the college graduate at that time. Students from both of these groups desire farm work or jobs in related agricultural industries. Some of them have always lived and worked on farms when not in school. Others have had less farm and business experience and will want jobs where good experience, which will be their most important consideration, may be gained.

It is planned to have farmers and others meet students by appointment during the week to arrange for employment. Those who desire to hire student help should call at the Farm Practice Office, Roberts Hall, as soon as possible after arriving in Ithaca. Employers are requested to write in advance to Professors H. S. Tyler or A. C. King.

EXHIBITS

Agricultural Economics and Farm Management—All exhibits are in Warren Hall.

Analysis of a farm business: A display shows the analysis of the factors contributing to the success of an individual farm business. A different farm business is analyzed and a guessing contest of the labor income is held each day, with a discussion of the farm business and an announcement of results of the contest at 4 p.m. Room 101.

Farm-account records: Different account books commonly used by New York farmers are shown, including the need to which each is adapted and the types of information available from each. Room 101.

Land classification and land-use planning: This exhibit includes: (1) maps that show an economic classification of the land and the location of suggested hard-road and electric-line extensions to serve areas that are likely to remain permanently in agriculture for eighteen counties; (2) maps of land classes I and II for each county in the State except those along the Hudson River; (3) pictures of the different land classes; (4) maps and illustrations that show how land classification is done; and (5) the work of county agricultural-land-use-planning committees. Room 140.

Agricultural Engineering—All exhibits, unless otherwise indicated, are in the Agricultural Engineering Laboratory.

Electricity: Properly installed electric wiring for lighting fixtures, switches, and outlets for connecting the modern electrical household appliances are exhibited.

Home-made electrical equipment: Various types of fractional horsepower motors used on farms are exhibited.

Farm-water-supply systems: Numerous makes of both deep- and shallow-well pumps and automatic water-supply systems are set up for operation including the deep-well "jet" pump.

Plumbing system: Two plumbing systems are exhibited: (1) A complete system for a kitchen and a bathroom. This exhibit has an automatic water system, an automatic electric water heater, and modern plumbing fixtures, including a shower bath. (2) A simple gravity water system using a water front in the kitchen range for heating the water. This system is of the type that can be developed step by step with relatively small cost at any one time.

Soil conservation: (1) Working models of a typical New York farm. One model showing field arrangement before the introduction of soil-conservation practices, the other model showing the arrangement of the farm after strip cropping, diversion ditches, and other conservation practices had been introduced. Actual rainfall showing the results of the use of soil-conservation practices. (2) A display of several types of low-cost levels that are suitable for surveying diversion-ditch grade lines and for laying out strip-cropping systems.

Farm structures: Display of ventilation models for dairy stables, poultry houses, storages, and also details of construction of insulated and vaporproof walls.

Concrete products: Materials used in making concrete, types of concrete products, types of waterproofing, the testing of sand, and samples of colored concrete and the coloring material are displayed.

Farm shop: The work shop has in it such equipment as most farmers may find profitable to own. The tools, the benches, and the other equipment are arranged much as they would be placed in a practical shop on a farm.

Farm machinery: Tractors and other farm machinery are on display. Attendants are present to discuss farm-machinery adjustment and repair problems.

Horseshoeing: Mr. Layton will be in the Farm Practice Shop Wednesday, Thursday, and Friday, from 8 a.m. to 12 m., to discuss horseshoeing problems.

Agronomy—In Room 143 of Caldwell Hall may be seen soils, crops, fertilizers, seeds, hay, weed seeds, and explanatory charts.

Legumes: Nitrogen they fix and its effect on crops. The quantities of nitrogen fixed by different legumes and the corn crop produced are shown.

Forage legumes: Bird's-foot trefoil, Ladino clover, red clover, and alfalfa.

Grass silage: Samples taken from farm silos show that equally good mixed grass silage can be put up both with and without preservatives such as molasses and liquid phosphoric acid.

Hay production: Ways and means of producing hay from old meadows in emergencies and the results of treatment are shown.

Effects of clean seed and cultivation on new seedings. A study of the effects of weeds on new seedings is shown.

Weeds: Weed seeds and seed cleaning. Some weed seeds and methods of getting rid of them are shown.

Grazing management: Pasture turfs from experimental plots illustrate the principles of grazing management, and charts show grazing habits of cattle.

Peat soils and peat moss: Samples of peat moss produced in New York that is taking the place of imported peat moss are exhibited.

Soil Conservation: The effects of different directions of cropping on losses of water and soil and on crop yields are shown.

Soils: Soil maps and sections of certain soil types are shown and their relation to crops is indicated.

Animal Husbandry—Livestock fitted and shown by students will be paraded at 1.30 p.m., Thursday, in the Judging Pavilion, before the Students' Livestock Show.

Dairy cattle: Visitors are welcome at the dairy barns at all times. Members of the Animal Husbandry staff will be available after 4 p.m. on each day to answer questions regarding the Cornell dairy herd.

Beef cattle: Visitors are welcome at the beef barn at all times. A special inspection trip on which the beef breeding and experimental steers are shown is arranged for Tuesday at 2.30 p.m.

Horses: Visitors are welcome at the horse barn at all times. For information, see R. M. Watt, Superintendent of the Horse Barn, at the barn office.

Sheep and Swine: Sheep and swine barns are open to visitors during the entire week. A trip to the sheep barns is scheduled for Wednesday at 4 p.m. On Friday at 3 p.m., a trip to the swine barns has been arranged. On each of these occasions, transportation will be provided from Wing Hall for those without cars.

Animal nutrition: Interesting exhibits have been arranged in the Animal Nutrition laboratories in the Dairy Building. They illustrate some of the newer developments and studies being conducted in the field of animal nutrition. These exhibits are to the right of the main corridor on the first floor of the Dairy Building in Room 160.

Animal breeding: An exhibit illustrating the physiology of reproduction of farm animals is in Room 160, Dairy Building.

Meat and meat products: Meat and meat cuts to show quality and the methods of preparation are displayed daily from 4 to 5 p.m. except Friday at 11 a.m. in the Meat Cutting Rooms in the basement of Wing Hall.

Art—Open 9 a.m. to 5.30 p.m. daily on the first floor of Stone Hall, Room 101, a collection of graphic and plastic art gathered from various rural communities of the state, has been arranged under the direction of a committee composed of Miss Clara Garrett, chairman, W. C. Baker, Bristow Adams, Tarmo A. Pasto, and Mrs. Dorothy Thomas. Throughout this country, people are becoming more aware of the cultural aspects of our society. It may well be that now, in time of war, man more than ever needs to turn to things of the spirit. The University is, therefore, offering this exhibition in the hope not only of giving enjoyment but of increasing appreciation of the fine arts as well. It hopes also to stimulate the production of original work by amateurs on the farms and in the smaller towns and villages. To this end both professional and amateur work have been included.

In Room 101, Stone Hall, with the exhibition, talks and demonstrations by local artists on some phase of art, will be given on Tuesday, Wednesday, and Friday, at 11 a.m.

Camp equipment—In Fernow Hall, Room 8, throughout the week there will be an exhibit showing useful camp equipment, including demonstration fire-lays, sleeping bags, and cooking equipment.

Correspondence courses—The office of farm-study courses is in the basement of Roberts Hall. The purpose of these courses is to enable farmers, poultrymen, dairymen, fruit growers, vegetable gardeners, beekeepers, and others to learn the latest facts about their industries. Those who are taking, or have taken, or expect to take any of the various courses offered, may have interviews, from 10 a.m. to 12 m. daily.

Dairy Industry—This exhibit is shown in the corridor, first floor, Dairy Building.

Many materials indispensable for defense are made from the fermentation products of bacteria and their nearest relatives, the yeasts and molds. The raw material for most of these fermentations is sugar (molasses) or starch (corn, corncobs, potatoes, sweet potatoes). Some of these fermentation industries are of enormous size. The total value of the fermentation products exceeds \$100,000,000.

The fermentation products are either used as such, that is, as motor fuel or antifreeze, or in the manufacture of such compounds as smokeless powder, T N T; photographic films; materials for the tanning of leather; artificial leather and silk; waterproofing compounds; lacquers and varnishes for automobiles and airplanes; for many chemical compounds, such as ether and chloroform; drugs and medicines; formaldehyde; synthetic resins; and plastics.

The exhibit shows the fermentation organisms, the arrangement of factories, and some of the many products.

Entomology—These exhibits are on second floor, Comstock Hall, unless otherwise noted.

Apparatus of use in the laboratory testing of insecticides: Micro-injection apparatus for injecting minute doses of insecticides into insects, and spraying and dusting apparatus for delivering measured amounts of insecticides onto leaves or insects.

Apples injured by insects: Apples that have been injured by the more common fruit pests found in New York State.

Butterflies illustrating biological laws: Examples of hybrids, negro, and other Mendelian forms, the effect of temperature during development, local variation, and the like.

Fish: The Experimental Fish Hatchery, by Cascadilla Creek, just above Judd's Falls, is open to visitors during the week. Specialists are available for free consultation concerning matters of pond construction and management. An exhibit of living fishes representing the commoner forms that are of interest to the sportsman and of economic importance in farm fish culture is on the first floor of Comstock Hall. Here may be seen an exhibit of aquatic insects and

other organisms that serve as fish food. Aquaria are exhibited in which the numbers of fishes and plants are so balanced that no outside air is needed.

Greenhouse and ornamental pests: Insect pests that attack ornamentals and flower-garden plants.

Honey and beekeeping: An extensive illuminated display of the honeys of New York State, together with the equipment used by beekeepers, is on the ground floor. Various phases of beekeeping management are also demonstrated.

Household insect pests: Insect pests attacking household goods. Some control methods are shown.

Insect anatomy and physiology: An exhibit of insects to demonstrate their anatomy, and to show some applications of the science of physiology to insect life.

Insect collections: Insects from various places in the world. Tropical butterflies, large and unusual insects, and many common forms, may be seen. Also demonstrated is the necessity of having a collection of native and foreign insects from which to identify insects sent in by persons throughout the entire State.

Insect pests of vegetable crops, forage crops, and the like: Numerous insect pests, including those associated with Dutch elm disease, Japanee beetles, onion thrips, tomato hornworms, Mexican bean beetles, grain weevils, white grubs, alfalfa snout beetles, cutworms, wireworms, potato leafhoppers, clover leafhoppers, clover root borers, seed corn maggots, carrot rust flies, aster leafhoppers, onion maggots, squash bugs, and many others. For most, control measures are suggested. (New York State Experiment Station at Geneva cooperating.)

Insects and diseases: Parasites and insects that transmit diseases of man, his domestic animals, and game animals.

Livestock pests: A demonstration of the methods and materials used in controlling the sheep tick and cattle lice.

Mammals and snakes: A display of live snakes and mammals, together with a demonstration of rodent control on the farm.

Plants of western China used as insecticides by the natives: Dr. Chiu, who studied entomology at Cornell University, collected these specimens in the summer of 1940. Tests of their efficiencies are at present being conducted here.

Potato insect pests: Insects attacking potatoes, together with suggested control measures, are in the general potato exhibit on the third floor of Plant Science.

Floriculture and home landscaping—Exhibits open Monday through Friday, in the Plant Science Building, unless otherwise noted.

- | | | |
|----------|--|-----------------------------------|
| Room 15: | Pan-American plants. | R. C. Allen. |
| | Varieties of English ivy. | Arnold Schulze. |
| | Raising plants from seed. | L. G. Cox. |
| | Shrubs and trees for forcing. | A. M. S. Pridham. |
| | Lawn grasses. | J. F. Cornman. |
| | Plant gifts. | R. C. Mott. |
| Room 22: | Garden Club Center. | Ithaca Garden Club, Hostess Club. |
| Room 29: | Voting on landscape models. | J. P. Porter. |
| | Trees and shrubs for home planting. | R. W. Curtis. |
| | A new technique in landscape study and presentation. | T. J. Baird. |

Comstock Hall: Insect pests of ornamental plants. W. E. Blauvelt.

Forestry—Collections of forest-tree leaves, seeds, and products, and other material in the broad field of forestry are exhibited in the Forestry Museum, Room 118, Fernow Hall.

Thinning and pruning plantations: (1) An exhibit of trees from red-pine and white-pine plantations illustrates proper methods of thinning and pruning. (2) A display of tools used in thinning and pruning plantations is shown in the Forestry Exhibit Room, Basement, Fernow Hall. (3) A staff member is present to advise woodland owners on questions of improvement, management, and marketing.

Home Economics—Many exhibits of interest and value to every homemaker have been prepared by the several departments of the College of Home Economics. These are in Martha Van Rensselaer Hall. The details giving the time they are open and the rooms in which they are found are in the homemakers' program. These exhibits are as follows: *Ground floor:* A mobile kitchen, planning centers as a help in family management, work areas around sinks, another family's kitchen, getting acquainted with the electric refrigerator, linoleum and felt-base floor coverings and their finishes, longer life for pots and pans, and nursery school in session for observation. *First floor:* A book fair. *Second floor:* The sewing center in use, costumes and crafts from other lands, a century of American costumes, health exhibit, with consultants available for conference at certain hours. *Third floor:* Homegrown herbs for seasoning, pictures for the home, rural crafts in New York State, a 'teen-age girl's room, soybean products, getting the most food value for your food dollar, keep potatoes in your diet, vitamin concentrates versus vitamins from food sources, milk for health defense, clinic on canning equipment. *Third floor mezzanine:* Weaving and its place in the home, browsing room on housing. *Fourth floor:* Combining the old and new in homes. Preparation of the home for blackouts, Room 408.

Ornithology—These exhibits are open daily from 9 a.m. to 12 m. and from 2 to 4 p.m., and are on the second and third floors of Fernow Hall.

The songs of wild birds as recorded on phonograph records. An opportunity to hear the songs of most American birds (10 a.m. to 12 m. and 2 to 4 p.m.) Fernow 210.

The birds of New York State in their natural habitats. Second- and third-floor hallways.

The rare ivory-billed woodpecker in its natural habitat. Third floor.

Paintings of Louis Agassiz Fierres. Fernow Hall 207. (Enter 208.)

Plant Breeding—Exhibits will be in rooms 49 and 146, Plant Science Building. They will be open from 2 to 5 p.m. on Monday. From Tuesday to Friday inclusive they will be open from 9 a.m. to 5 p.m. Lecture-demonstrations will be held in these rooms one or more hours daily except on Monday morning.

Room 146: The results of breeding work including recommended varieties of wheat, oats, barley, rye, corn, buckwheat, also new strains of potatoes, cabbage, and celery. Growers' samples of certified seed of cereal and other crops will be featured.

Room 49: Hybrid corn and varieties of soybeans. These exhibits are intended to show how hybrid corn is produced and its superior values for grain and silage. A special exhibit of soybeans shows their forage values, their uses in industry, and their dietary possibilities.

Plant Disease—Third floor of Plant Science, Rooms 304, 329, 341, and 342. Exhibits of the work being conducted on plant diseases and of material designed to give the layman some idea of the cause of disease, behavior of disease organisms, and measures that can be used for their control.

Mushrooms and other fungi, and especially, a Saprolegnia (fungus) disease of fish.

Forage-crop diseases, with emphasis on clover and alfalfa wilts.

The Dutch-elm disease and its control.

Artillery of the fungous world—a fungous barrage and a fungous anti-aircraft unit in action.

An exhibit of fungicides and spreaders, with particular stress on their use in the control of diseases of ornamentals.

Control by spraying and mulching for Septoria blight of chrysanthemums. The organism associated with basal rot of lilies.

Diseases controlled by soil treatment, particularly soil fumigants, against nematodes and fungi causing damping-off in greenhouse and seedbed.

Progress in onion-mildew control—a diorama illustrating the part played by top sets.

Demonstration of onion-smut control by seed treatments.

Diseases of potatoes, as late blight, scab, bacterial ring rot, and purple top (in connection with potato show).

Fruit diseases, especially cork and internal browning of apples, fruit rots, cankers, virus diseases, and many others.

Several bacterial diseases of plants in various stages of decrepitude, methods of obtaining the causal organism from diseased tissue and of inoculating healthy tissue with diseased organisms.

Virus diseases of plants. The progress of a virus in a plant. Investigations of virus diseases. Room 304 is a house of magic, a hall of wonders and mystery.

Pomology—Plant Science 107.

This exhibit is set up and attended largely by the Pomology Club, a group of undergraduate students interested in the advancement of fruit production. It includes the usual display of apple varieties and red-bud sports grown in New York and other leading fruit sections of the United States. This display affords an opportunity to examine some of the leading new varieties and compare them with standard kinds.

The effects of soil erosion in orchards and suggestions for preventing this menace are illustrated in an exhibit set up by Warren C. Huff, Extension Soil Conservationist. Erosion has ruined many good orchard and vineyard sites. One of the first requirements in successful fruit growing is soil conservation. A comparison of your conditions and practices with others is always profitable.

Apple trees growing in pots will demonstrate the methods of studying nutrient deficiencies. Deficiency symptoms on the foliage have been produced in the greenhouse by growing trees in sand cultures. Analytical data obtained from these leaves with known deficiencies can then be related to similar analyses of leaves obtained from trees in the orchard.

Among other features of the pomology exhibit are demonstrations on the popular methods of packing apples in boxes and other standard containers used in marketing New York State apples. Substantial progress is being made toward the standardization of the northeastern apple box of $1\frac{1}{8}$ bushels, measuring $11\frac{1}{8}$ by $13\frac{1}{8}$ by 16 inches, with 2425-cubic-inches capacity for face and fill or jumble pack. In these dimensions, consideration was given to western New York for a box 16 inches long to facilitate refrigerator-car loading. For packing a count and layer pack of wrapped fruit, a box measuring 18 by $11\frac{1}{2}$ by $10\frac{1}{2}$ inches (the western box), with contents of 2173 cubic inches, is generally used. The use of individual-cell cardboard packages and consumer-size boxes will be demonstrated. Also, the arrangement of fruit packages, wrapping apples with paper, and the use of cardboard layers to prevent bruising will be shown to those who are interested in their application and use.

Potato Show—A combined potato exhibit by all departments working with potatoes is in Plant Science 343 and 362. This exhibit provides a meeting place for all persons interested in potatoes. Come and discuss your potato problems here.

Samples of new varieties, new seedlings, and standard varieties are shown.

Wall charts and color photographs with explanatory legends show the influence on growth and yield of potatoes, of applications of manure, analysis and amount of fertilizers, lime, green manures, and crop rotations.

Illustrations, charts, and samples of cooked tubers show the influence of growing conditions and of storage on blackening of tubers.

With the current interest that is manifest in marketing potatoes in consumer packages, the Department of Agricultural Economics and Farm Management shows the costs and premiums for packaged potatoes, the growing demand for

new varieties of potatoes, for packaging, and the market outlets for these consumer-sized units.

Illustrations, charts, and cages of living specimens are used to show insects that destroy potato foliage, transmit virus diseases, and injure tubers.

Blight-immune seedlings developed at Cornell, tubers of scab-susceptible and scab-resistant varieties, plants susceptible to yellow dwarf showing their importance in the spread of this disease, phases of Z-disease, and the identification of bacterial ring rot by means of ultra-violet light are shown.

Departments cooperating are Agricultural Economics and Farm Management, Entomology, Plant Breeding, Plant Pathology, and Vegetable Crops.

The College of Home Economics also will show, in an exhibit in Martha Van Rensselaer Hall, Room 354, a comparison of potatoes with several other foods as to their nutritive value and a comparison of three methods of cooking potatoes.

Poultry—All exhibits are in Room 100, first floor, Rice Hall.

Food for victory: The annual production of eggs for New York State for 1941 and the goal for 1942 are given. The charts show the important points that contribute to reaching the 1942 goal. Under each of the following, material is used to demonstrate good practices: breeding, incubation, brooding, nutrition, health, and management.

Rat control: The most effective way to control rats on the farm is demonstrated. It has drawn attention wherever it has been shown. A short demonstration lecture will be given several times during the day. It is available through the courtesy of the United States Department of Interior, Division of Predator and Rodent Control.

Breeding: The breeding exhibit demonstrates the value of obtaining chicks from stock with high production and good viability.

Nutrition: The nutritive values of eggs, which make them important as food for man and which must be considered in the nutrition of the chick, are portrayed.

Dried-egg production: Comparison of the weight of whole eggs and dried eggs is demonstrated. Samples of dried-egg products are on display. Charts show the increase in the production of dried eggs from 1940 to 1941.

Development of the chick: Living embryos at various stages of incubation are displayed.

Egg-shell porosity: Porosity of egg shell in relation to keeping quality of eggs is demonstrated.

Skeletal anatomy of the fowl: Mounted and disarticulated specimens are properly labeled.

Publication—On the third floor of Roberts Hall, is a showing of the work of the office which edits bulletins, issues news items, teaches journalism, carries on an extension service to the rural press, conducts correspondence courses, plans and installs exhibits, and prepares illustrations, and other art work, for the State Colleges and the Cornell University Agricultural Experiment Station.

Vegetable Crops—All exhibits are in East Roberts 223.

The effect of high and low soil-moisture content on the roots and tops of corn, tomatoes, and cauliflower.

Effect of humidity and temperature on the viability of vegetable seeds.

Soil erosion carries away tons of the best soil annually.

The effect of soil reaction on the growth of certain vegetables.

New varieties of sweet corn, celery, lettuce, lima beans, snap beans, and vegetable soybeans; plants, seeds, and pictures.

Fertilizer placement: good and poor. Illustrated with growing plants and pictures.

Irrigation equipment and methods of determining soil moisture.

Dry-bean varieties: comparative yield, uses, and adaptation.

Model home vegetable garden.

Herbs for your garden.

The home storage of vegetables.

The potato exhibits are in Plant Science 343.

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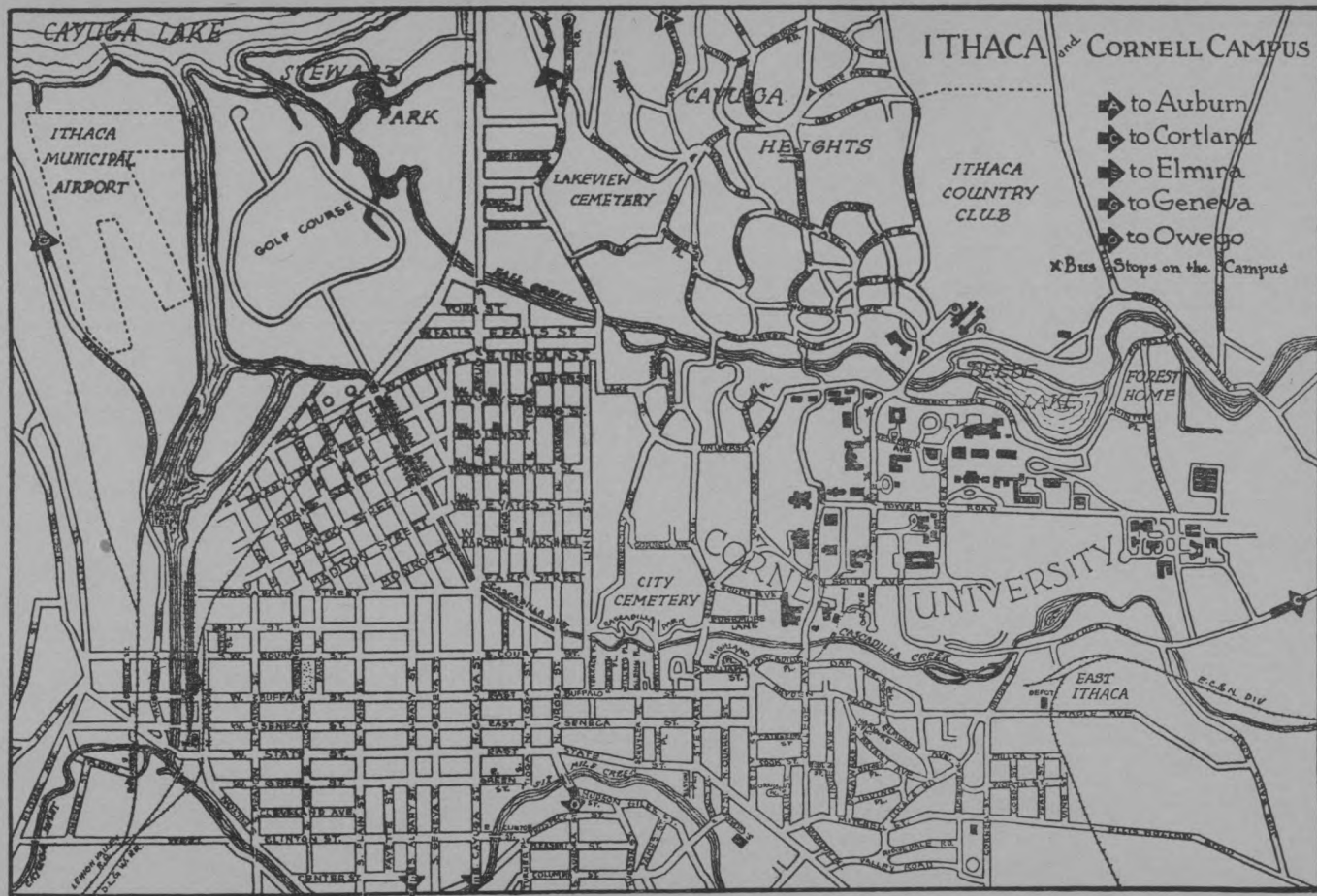
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